

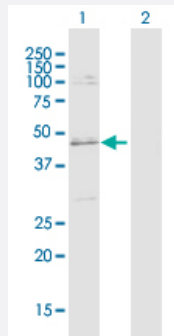
MaxPab®

# SLC25A31 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00083447-D01P

Size 100 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of SLC25A31 expression in transfected 293T cell line ([H00083447-T02](#)) by SLC25A31 MaxPab polyclonal antibody.

Lane 1: SLC25A31 transfected lysate(35.00 KDa).

Lane 2: Non-transfected lysate.

## Specification

|                         |                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit polyclonal antibody raised against a full-length human SLC25A31 protein.                                                                                                                                                                                                                                                             |
| Immunogen               | SLC25A31 (NP_112581.1, 1 a.a. ~ 315 a.a) full-length human protein.                                                                                                                                                                                                                                                                         |
| Sequence                | MHREPAKKKA EKRLFDASSFGKDLLAGGVAAAVSKTAVAPIERVKLLLQVQASSKQISPEARYKG<br>MVDCLVRIPREQGFFSFWRGNLNVIRYFPTQALNFAFKDKYQLFMSGVNKEKQFWRWFLANL<br>ASGGAAGATSLCVVYPLDFARTRLGVDIGKGPEERQFKGLGDCIMKIAKSDGIAGLYQGFGVSVQ<br>GIMYRAS YFGAYDTVKGLLPKPKKTPFLVSFFIAQVVTTCGILSYFPD TVRRRMMMQSGEAKRQY<br>KGTLD CFVKIYQHEGISSFFRGAFSNVLRGTGGALVLVLYDKIKEFFHIDIGGR |
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                                                      |
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                       |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                     |
| Storage Buffer          | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                           |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                    |

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[Protocol Download](#)

## Gene Info — SLC25A31

|                     |                                                                                                                                                                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">83447</a>                                                                                                                                                                                                                                                                                                |
| GeneBank Accession# | <a href="#">NM_031291</a>                                                                                                                                                                                                                                                                                            |
| Protein Accession#  | <a href="#">NP_112581.1</a>                                                                                                                                                                                                                                                                                          |
| Gene Name           | SLC25A31                                                                                                                                                                                                                                                                                                             |
| Gene Alias          | AAC4, ANT4, DKFZp434N1235, SFEC35kDa                                                                                                                                                                                                                                                                                 |
| Gene Description    | solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 31                                                                                                                                                                                                                         |
| Omim ID             | <a href="#">610796</a>                                                                                                                                                                                                                                                                                               |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                            |
| Gene Summary        | Mitochondrial ADP/ATP carriers, such as SLC25A31, are nuclear-coded mitochondrial proteins that catalyze the exchange of ATP generated in mitochondria by ATP synthase (see MIM 108729) against ADP produced in cytosol by most energy-consuming reactions (Dolce et al., 2005 [PubMed 15670820]).[supplied by OMIM] |
| Other Designations  | adenine nucleotide translocase 4 sperm flagellar energy carrier                                                                                                                                                                                                                                                      |

## Pathway

- [Calcium signaling pathway](#)