

DNAxPAb

Hard-to-Find  
Antibody

# SLC25A31 DNAxPab

Catalog # H00083447-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human SLC25A31 DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — SLC25A31

Entrez GeneID	<a href="#">83447</a>
GeneBank Accession#	<a href="#">NM_031291.1</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](#)