

DNAxPAb

Hard-to-Find  
Antibody

# DARS DNAxPab

Catalog # H00001615-W01P

Size 200 ug

## Specification

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit polyclonal antibody raised against a full-length human DARS DNA using DNAx™ Immune technology.                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Technology              | <a href="#">DNAx™ Immune</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Immunogen               | Full-length human DNA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Sequence                | MPSASASRKSQEKPREIMDAAEDYAKERYGISSMIQSQEKPDRLVVRVRLTIQKADEVVWVRA<br>RVHTSRAKGKQCFLVLRQQQFNQALVAVGDHASKQMVKFAANINKESVDVEGVVRKVNQKIG<br>SCTQQDVELHVQKIYISLAEPRLPLQLDDAVRPEAEGEEEGRATVNQDTRLDNRVIDLRTSTSQA<br>VFRLQSGICHLFRET LINKGFVEIQTPKIISAASEGGANVFTVSYFKNNAYLAQSPQLYKQMCICADF<br>EKVFSIGPVFRAEDSNTHRHLTEFVGLDIEMAFNYHYHEVMEEIADTMVQIFKGLQERFQTEIQT VN<br>KQFPCEPFKFLEPTLRLEYCEALAMLREAGVEMGDEDDLSTPNEKLLGHLVKEKYD TDFYILDKY<br>PLAVRPFYTMPDPRNPKQSNSYDMFMRGEEILSGAQRIHDPQLLTERALHHGIDLEKIKAYIDSFRF<br>GAPPHAGGGIGLERVTMLFLGLHNVRQTSMFPRDPKRLTP |
| 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 — DARS

**Entrez GeneID** [1615](#)

**GeneBank Accession#** [NM\\_001349.2](#)

**Protein Accession#** [NP\\_001340.2](#)

**Gene Name** DARS

**Gene Alias** DKFZp781B11202, MGC111579

**Gene Description** aspartyl-tRNA synthetase

**Omim ID** [603084](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** Aspartyl-tRNA synthetase (DARS) is part of a multienzyme complex of aminoacyl-tRNA synthetases. Aspartyl-tRNA synthetase charges its cognate tRNA with aspartate during protein biosynthesis. [provided by RefSeq]

**Other Designations** aspartate tRNA ligase 1, cytoplasmic|cell proliferation-inducing protein 40

## Pathway

- [Aminoacyl-tRNA biosynthesis](#)