

DNAxPAb

Hard-to-Find  
Antibody

# SAMM50 DNAxPab

Catalog # H00025813-W01P      Size 200 ug

## Specification

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit polyclonal antibody raised against a full-length human SAMM50 DNA using DNAx™ Immune technology.                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Technology              | <a href="#">DNAx™ Immune</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Immunogen               | Full-length human DNA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Sequence                | MGTVHARSLEPLPSSGPDFGGLGEEAEFVEVEPEAKQEILENKDVVVQHVHFDGLGR TKDDIIIC<br>EIGDVFKAKNLIEVMRKSHEAREKLLRLGIFRQVDVLIDTCQGDDALPNGLDVTFEVTELRRLTGSY<br>NTMVGNNEGSMVLGLKLPNLLGRAEKVTFQFSYGTKETSYGLSFFKPRPGNFERNFVSVNLYKVTG<br>QFPWSSLRETD RGMSAEYSFPWKTSH TVKWEGVWRELGCLSR TASFAVRKESGHS LKSSLSH<br>AMVIDSRNSSILPRRGALLKVNQELAGYTGGDV SFIKEDFELQLNKQLIFDSVFSASF WGGM LVPI<br>GDKPSSIADRFYLGGPTSIRGFSMHSIGPQSEGDYLGGEAYWAGGLHLYTPLPFRPGQGGFGELF<br>RTHFFLNAGNLCNLNYGEGPKAHIRKLAECIRWSYGAGVLR LGNIARLELNYCVPMGVQTGDRICD<br>GVQFGAGIRFL |
| 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 — SAMM50

**Entrez GeneID** [25813](#)

**GeneBank Accession#** [CU013033](#)

**Protein Accession#** [CAK54464.1](#)

**Gene Name** SAMM50

**Gene Alias** CGI-51, OMP85, SAM50, TOB55, TRG-3, YNL026W

**Gene Description** sorting and assembly machinery component 50 homolog (S. cerevisiae)

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

**Gene Summary** SAMM50 is a component of the sorting and assembly machinery (SAM) complex of the outer mitochondrial membrane. The SAM complex has a role in integrating beta-barrel proteins into the outer mitochondrial membrane (Humphries et al., 2005 [PubMed 15644312]).[supplied by OMIM]

**Other Designations** sorting and assembly machinery 50kDa|sorting and assembly machinery component 50 homolog

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)