

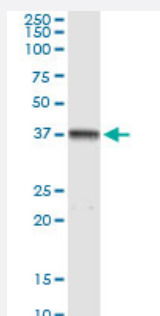
MaxPab®

TALDO1 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00006888-D01

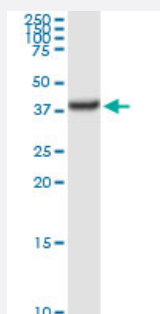
Size 100 uL

Applications



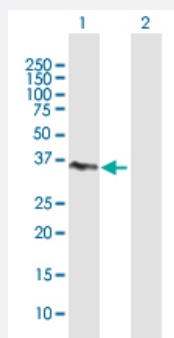
Western Blot (Tissue lysate)

TALDO1 MaxPab rabbit polyclonal antibody. Western Blot analysis of TALDO1 expression in human pancreas.



Western Blot (Cell lysate)

TALDO1 MaxPab rabbit polyclonal antibody. Western Blot analysis of TALDO1 expression in HepG2.

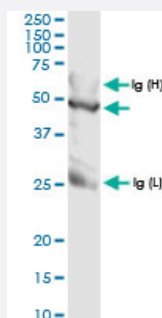


Western Blot (Transfected lysate)

Western Blot analysis of TALDO1 expression in transfected 293T cell line ([H00006888-T02](#)) by TALDO1 MaxPab polyclonal antibody.

Lane 1: TALDO1 transfected lysate(37.50 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of TALDO1 transfected lysate using anti-TALDO1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with TALDO1 MaxPab rabbit polyclonal antibody (D01) ([H00006888-D01](#)).

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human TALDO1 protein.
Immunogen	TALDO1 (NP_006746.1, 1 a.a. ~ 337 a.a) full-length human protein.
Sequence	MSSSPVKRQRMESALDQLKQFTTVVADTGDFHAIDEYKPQDATNPSLILAAAQMPAYQELVEEA IAYGRKLGGSQEDQIKNAIDKLFVLFGAEILKKIPGRVSTEVDARLSFDKDAMVARARRLIELYKEAG ISKDRILIKLSSTWEGIQAGKELEEQHGHCNMTLLFSFAQAVACAEAGVTLSFPVGRILDWHVANT DKKSYEPLDPGVKSVTKIYNYKKFSYKTIVMGASFRNTGEIKALAGCDFLTISPKLLGELLQDNA KLVPVLSAKAAQASDLEKIHLDEKSFRWLHNEDQMAVEKLSDGIRKFAADAVKLERMLTERMFN AENGK
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (95)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

TALDO1 MaxPab rabbit polyclonal antibody. Western Blot analysis of TALDO1 expression in human pancreas.

[Protocol Download](#)

- Western Blot (Cell lysate)

TALDO1 MaxPab rabbit polyclonal antibody. Western Blot analysis of TALDO1 expression in HepG2.

[Protocol Download](#)

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- Immunoprecipitation

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[Protocol Download](#)

Gene Info — TALDO1

Entrez GeneID [6888](#)

GeneBank Accession# [NM_006755.1](#)

Protein Accession# [NP_006746.1](#)

Gene Name TALDO1

Gene Alias TAL, TAL-H, TALDOR, TALH

Gene Description transaldolase 1

Omim ID [602063 606003](#)

Gene Ontology [Hyperlink](#)

Gene Summary Transaldolase 1 is a key enzyme of the nonoxidative pentose phosphate pathway providing ribose-5-phosphate for nucleic acid synthesis and NADPH for lipid biosynthesis. This pathway can also maintain glutathione at a reduced state and thus protect sulfhydryl groups and cellular integrity from oxygen radicals. The functional gene of transaldolase 1 is located on chromosome 11 and a pseudogene is identified on chromosome 1 but there are conflicting map locations. The second and third exon of this gene were developed by insertion of a retrotransposable element. This gene is thought to be involved in multiple sclerosis. [provided by RefSeq]

Other Designations dihydroxyacetone transferase|glycerone transferase

Pathway

- [Biosynthesis of alkaloids derived from shikimate pathway](#)
- [Biosynthesis of phenylpropanoids](#)
- [Biosynthesis of plant hormones](#)
- [Metabolic pathways](#)
- [Pentose phosphate pathway](#)

Disease

- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)