

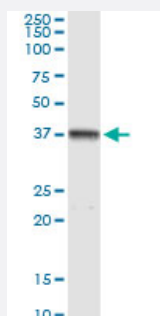
MaxPab®

TALDO1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00006888-D01P

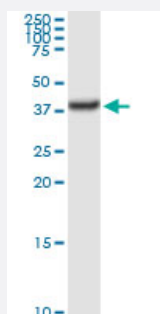
Size 100 ug

Applications



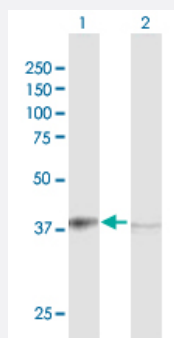
Western Blot (Tissue lysate)

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.

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	MSSSPVKRQRMESALDQLKQFTTVVADTGDFHAIDEYKPQDATTNPSLILAAAQMPAYQELVEEA IAYGRKLGGSQEDQIKNAIDKLFVLFGAELKKIPGRVSTEVDARLSFDKAMDVARARRLIELYKEAG ISKDRILIKLSSTWEGIQAGKELEEQHGHCNMTLLFSFAQAVACAEAGVTLISPFVGRILDWHVANT DKKSYEPLDPGVKSVTKIYNYKKFSYKTIVMGASFRNTGEIKALAGCDFLTISPKLLGELLQDNA KLVPVLSAKAAQASDLEKIHLEKSFRLHNEQMAVEKLSDGIRKFAADAVKLERMLTERMFN AENGK
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (95)
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 (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](#)

- Western Blot (Transfected lysate)

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

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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](#)