

DNAxPAb

Hard-to-Find
Antibody

TALDO1 DNAxPab

Catalog # H00006888-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human TALDO1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSSSPVKRQRMESALDQLKQFTTVVADTGDFHAIDEYKPQDATTNPSLILAAAQMPAYQELVEEA IAYGRKLGGSQEDQIKNAIDKLFVLFGAEILKKIPGRVSTEVDARLSFDKDAMVARARRLIELYKEAG ISKDRILKLSSTWEGIQAGKELEEQHGHCNMTLLFSFAQAVACAEAGVTLISPFVGRILDWHVANT DKKSYELEDPGVKSVTKMNYKKFSYKTIVMGASFRNTGEIKALAGCDFLTISPKLLGELLQDNA KLVPVLSAKAAQASDLEKIHLEKSFRLHNEDQMAVEKLSDGIRKFAADAVKLERMLTERMFN AENGK
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 — 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](#)