

Datasheet for ABIN5514459
anti-TALDO antibody (N-Term)



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Overview

Quantity:	100 µL
Target:	TALDO (TALDO1P1)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TALDO antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human TALDO
Sequence:	QRMESALDQL KQFTTVVADT GDFHAIDEYK PQDATTNPSL ILAAAQMPAY
Characteristics:	This is a rabbit polyclonal antibody against TALDO. It was validated on Western Blot.
Purification:	Affinity purified

Target Details

Target:	TALDO (TALDO1P1)
Alternative Name:	TALDO (TALDO1P1 Products)
Background:	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

Target Details

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.

Alias Symbols: TALDO1, TAL, TALDO, TALDOR,

Protein Size: 337

Gene ID: 6888

NCBI Accession: [NP_006746](#)

UniProt: [P37837](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.