

Rabbit TALDO1 Polyclonal Antibody | anti-TALDO1 antibody

TALDO1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA173092	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

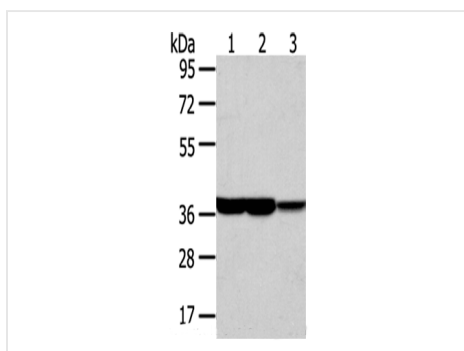
PRODUCT SYNONYMS

TALDO1; Polyclonal Antibody; TALDO1 Polyclonal Antibody; TAL; TALH; TAL-H; TALDOR; anti-TALDO1 antibody

PRODUCT SPECIFICATIONS

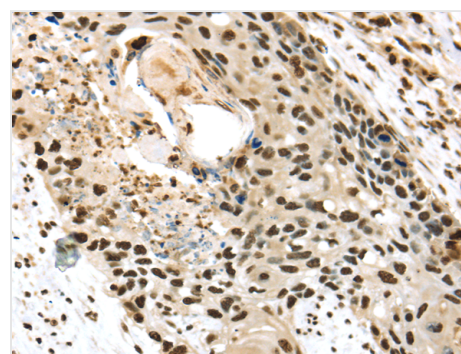
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Concentration	1.6mg/ml (varies by lot)
Sequence Length	337
Applicable Applications for anti-TALDO1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Fusion protein of human TALDO1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-51439 / sc-51440 / sc-134795
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of Human fetal brain and placenta tissue, Mouse brain tissue using TALDO1 Polyclonal Antibody at dilution of 1/400



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer using TALDO1 Polyclonal Antibody at dilution of 1/30

ADDITIONAL INFORMATION

Related Product Information for anti-TALDO1 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5803187
NCBI GeneID	6888
NCBI GenBank Nucleotide #	NM_006755.1
Molecular Weight	38 kDa
NCBI Official Full Name	transaldolase
NCBI Official Synonym Full Names	transaldolase 1
NCBI Official Symbol	TALDO1
NCBI Official Synonym Symbols	TAL; TALH; TAL-H; TALDOR
NCBI Protein Information	transaldolase
UniProt Protein Name	Transaldolase
UniProt Gene Name	TALDO1
UniProt Synonym Gene Names	TAL; TALDO; TALDOR
UniProt Entry Name	TALDO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/taldo1-antibody-immunohistochemistry-western-blot-elisa/173092>