

Rabbit anti-Human TALDO1 Polyclonal Antibody | anti-TALDO1 antibody

TALDO1 Antibody (Center)

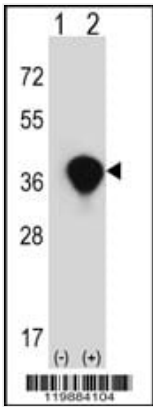
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286201	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

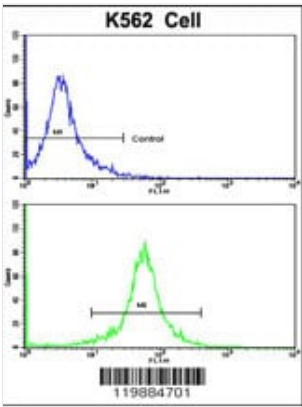
TALDO1; Polyclonal Antibody; TALDO1 Antibody (Center); Transaldolase; TAL; TALDO; TALDOR; anti-TALDO1 antibody

PRODUCT SPECIFICATIONS

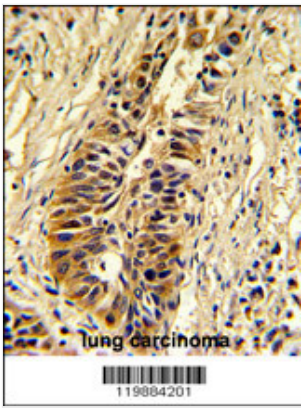
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TALDO1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 186-215 amino acids from the Central region of human TALDO1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	186-215
Sequence Length	337
Applicable Applications for anti-TALDO1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



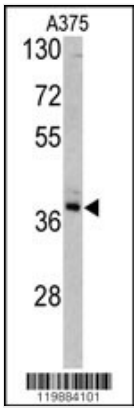
WB (Western Blot)
Western blot analysis of TALDO1 (arrow) using rabbit polyclonal TALDO1 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the TALDO1 gene.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of K562 cells using TALDO1 Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma reacted with TALDO1 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of TALDO1 antibody (Center) in A375 cell line lysates (35ug/lane). TALDO1 (arrow) was detected using the purified Pab.

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.
Product Categories/Family for anti-TALDO1 antibody	Cancer; Metabolism
References	Schneider,S., J. Biol. Chem. 283 (44), 30064-30072 (2008) Qian,Y., Biochem. J. 415 (1), 123-134 (2008) Wamelink,M.M., J. Inherit. Metab. Dis. 30 (5), 735-742 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5803187
NCBI GeneID	6888
NCBI Accession #	NP_006746.1
NCBI GenBank Nucleotide #	NM_006755.1
UniProt Accession #	P37837; O00751; Q8WV32; Q8WZ45; B2R8M2

Molecular Weight	37540
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-flow-cytometry-immunohistochemistry-western-blot-elisa/286201>