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Datasheet for ABIN918484

## anti-TALDO1 antibody (AA 145-250) (Alexa Fluor 488)

### Overview

Quantity:	100 µL
Target:	TALDO1
Binding Specificity:	AA 145-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TALDO1 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Transaldolase 1
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Horse
Purification:	Purified by Protein A.

### Target Details

Target:	TALDO1
Alternative Name:	Transaldolase 1 ( <a href="#">TALDO1 Products</a> )
Background:	Synonyms: Dihydroxyacetone transferase, EPS8L2, Glycerone transferase, TAL, TAL H, TALDO,

## Target Details

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TALDO1, TALDOR, TALH, Transaldolase 1, Transaldolase1, Transaldolase-1, EC 2.2.1.2, TALDO\_HUMAN.

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 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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Gene ID: 6888

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months