TALDO1

Reactivity:Human Mouse Rat

## Tested applications:WB IHC IF

Recommended Dilution:WB1:500-1:2000 IHC1:50-1:200 IF1:10-1:100

## Calculated MW:37kDa

Observed MW:Refer to figures

## Immunogen:

Recombinant protein of human TALDO1

## Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with $0.02 \%$ sodium azide, $50 \%$ glycerol, pH7.3.

## Synonym:

TAL; TALH; TAL-H; TALDOR;

## 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.

To place an order, please Click HERE.

Catalog \#:A6762
Antibody Type:
Polyclonal Antibody
Species:Rabbit
Gene ID:6888
Isotype:IgG
Swiss Prot:P37837
Purity:Affinity purification

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