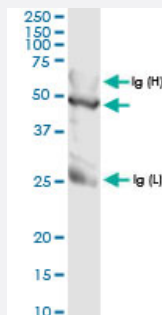


# TALDO1 (Human) IP-WB Antibody Pair

Catalog # H00006888-PW1

Size 1 Set

## Applications



Immunoprecipitation of TALDO1 transfected lysate using rabbit polyclonal anti-TALDO1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-TALDO1.

## Specification

<b>Product Description</b>	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (94); Rat (94)
<b>Quality Control Testing</b>	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of TALDO1 transfected lysate using rabbit polyclonal anti-TALDO1 and Protein A Magnetic Bead ( <a href="#">U0007</a> ), and immunoblotted with rabbit polyclonal anti-TALDO1.
<b>Supplied Product</b>	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-TALDO1 (300 ul) 2. Antibody pair for WB: rabbit polyclonal anti-TALDO1 (50 ul)
<b>Storage Instruction</b>	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

## Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

## Gene Info — TALDO1

Entrez GeneID [6888](#)

Gene Name TALDO1

Gene Alias TAL, TAL-H, TALDOR, TALH

Gene Description transaldolase 1

Omim ID [602063 606003](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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. [provided by RefSeq]

**Other Designations** dihydroxyacetone transferase|glycerone transferase

## Pathway

- [Biosynthesis of alkaloids derived from shikimate pathway](#)
- [Biosynthesis of phenylpropanoids](#)
- [Biosynthesis of plant hormones](#)
- [Metabolic pathways](#)
- [Pentose phosphate pathway](#)

## Disease

- [Carcinoma](#)

- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)