TALDO1 Polyclonal Antibody

Catalog Number:E-AB-17133

Note: Centrifuge before opening to ensure complete recovery of vial contents.

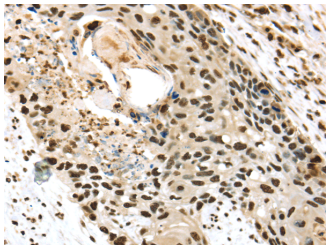
Description

Reactivity	Human,Mouse,Rat
Immunogen	Fusion protein of human TALDO1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications — Recommended Dilution

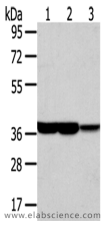
WB	1:500-2000
IHC	1:25-100
ELISA	1:2000-5000

Data



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

Calculated Mw:38 kDa



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

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

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.