



TUT4 Polyclonal Antibody

Catalog No	YP-Ab-06406
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	ZCCHC11 KIAA0191 TUT4
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	TUT4 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EC:2.7.7.52;KIAA0191;PAPD3;Terminal uridylyltransferase 4;TUT4;ZCCHC11 KIAA0191 TUT4;Terminal uridylyltransferase 4 (TUTase 4) (EC 2.7.7.52) (Zinc finger CCHC domain-containing protein 11)
Observed Band	185 kDa
Calculated Molecular Weight	185 kDa
Cell Pathway	Nucleus . Cytoplasm . Cytoplasm, Cytoplasmic ribonucleoprotein granule . Mainly cytoplasmic (PubMed:19703396, PubMed:25480299). Translocates into the cytoplasm following treatment of the cell with LPS (PubMed:16643855). Co-enriched in cytoplasmic foci with MOV10 (PubMed:30122351). .
Tissue Specificity	
Function	RNA processing, RNA catabolic process, macromolecule catabolic process, response to organic substance, miRNA metabolic process, miRNA catabolic process, negative regulation of macromolecule metabolic process, posttranscriptional regulation of gene expression, negative regulation of gene expression, posttranscriptional gene silencing, gene silencing, stem cell maintenance, gene silencing by RNA, dsRNA fragmentation, pre-microRNA processing, RNA 3'-end processing, ncRNA processing, ncRNA metabolic process, ncRNA catabolic process,posttranscriptional gene silencing by RNA,



gene silencing by miRNA, gene silencing by miRNA, production of miRNAs, regulation of gene expression, epigenetic, response to dsRNA, cellular macromolecule catabolic process, negative regulation of cell differentiation, stem cell differentiation, stem cell development,

Background

ZCCHC11 is an RNA uridylyltransferase (EC 2.7.7.52) that uses UTP to add uridines to the 3-prime end of substrate RNA molecules (Jones et al., 2009 [PubMed 19701194]).[supplied by OMIM, Jan 2011],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images