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TPST2 Recombinant Rabbit mAb

Catalog # AP98673

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	O60704
Other Accession	O60704
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Recombinant
Calculated MW	41912
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the protein sulfotransferase family.
Background Descriptions	The protein encoded by this gene catalyzes the O-sulfation of tyrosine residues within acidic regions of proteins. The encoded protein is a type II integral membrane protein found in the Golgi body. Alternative splicing produces multiple transcript variants encoding distinct isoforms. [provided by RefSeq, May 2018]

Additional Information

Gene ID	8459
Other Names	TANGO13B; TPST-2; D5Ucla3; grm; grt; TPST2_HUMAN; TPST2; Tyrosylprotein sulfotransferase 2 (TPST-2); 2.8.2.20; TPST2_MOUSE; TPST2_RAT; tyrosylprotein sulfotransferase 2; transport and golgi organization 13 homolog B (Drosophila); protein-tyrosine sulfotransferase 2; Protein-tyrosine sulfotransferase 2 (EC 2.8.2.20) (Tyrosylprotein sulfotransferase 2) (TPST-2)
Dilution	IHC-P=1:50-200,IHC-F=1:50-200,WB=1:500-2000,IF=1:50-200
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	TPST2
Function	Catalyzes the O-sulfation of tyrosine residues within acidic motifs of polypeptides, using 3'-phosphoadenylyl sulfate (PAPS) as cosubstrate.
Cellular Location	Golgi apparatus membrane; Single-pass type II membrane protein

Tissue Location	Widely expressed.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.