

Rabbit PTS Polyclonal Antibody | anti-PTS antibody

PTS Antibody

CATALOG # AAA225509	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
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PRODUCT SYNONYMS

PTS; Polyclonal Antibody; PTS Antibody; Affinity Purified Rabbit Polyclonal PTS Antibody; Polyclonal PTS antibody; Anti-PTS antibody; PTPS antibody; PTS antibody; PTP synthase antibody; 6-pyruvoyltetrahydropterin synthase antibody; FLJ97081 antibody; 6-pyruvoyl tetrahydrobiopterin synthase antibody; anti-PTS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	145
Applicable Applications for anti-PTS antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



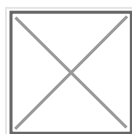
IF (Immunofluorescence)

Immunofluorescence analysis of methanol-fixed HeLa, using PTS antibody at 1:100 dilution.



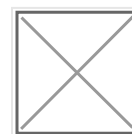
WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: H1299) using a 15% SDS PAGE gel and PTS antibody at a dilution of 1:1000



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded Hepatoma using PTS antibody at a dilution of 1:500



WB (Western Blot)

Western blot analysis of 50 ug of whole cell lysate (A: mouse stomach) using a 15% SDS PAGE gel and PTS antibody at a dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-PTS antibody	The enzyme encoded by this gene catalyzes the elimination of inorganic triphosphate from dihydroneopterin triphosphate, which is the second and irreversible step in the biosynthesis of tetrahydrobiopterin from GTP. Tetrahydrobiopterin, also known as BH, is an essential cofactor and regulator of various enzyme activities, including enzymes involved in serotonin biosynthesis and NO synthase activity. Mutations in this gene result in hyperphenylalaninemia.
Product Categories/Family for anti-PTS antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	2276404
NCBI GeneID	5805
Molecular Weight	16 kDa
NCBI Official Full Name	PTS
NCBI Official Synonym Full Names	6-pyruvoyltetrahydropterin synthase
NCBI Official Symbol	PTS
NCBI Official Synonym Symbols	PTPS
NCBI Protein Information	6-pyruvoyl tetrahydrobiopterin synthase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pts-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/225509>