

Rabbit PTS Polyclonal Antibody | anti-PTS antibody

PTS Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280093	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PTS; Polyclonal Antibody; PTS Polyclonal Antibody; PTPS; anti-PTS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	145
Applicable Applications for anti-PTS antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human PTS
Calculated Molecular Weight	16kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells using PTS antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PTS antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

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(4), 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	Polyclonal
---	------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	417553
NCBI GeneID	5805
UniProt Accession #	Q03393; Q8WVG8; B0YJ87
Molecular Weight	145
NCBI Official Full Name	6-pyruvoyl tetrahydrobiopterin synthase
NCBI Official Synonym Full Names	6-pyruvoyltetrahydropterin synthase
NCBI Official Symbol	PTS
NCBI Official Synonym Symbols	PTPS
NCBI Protein Information	6-pyruvoyl tetrahydrobiopterin synthase; PTP synthase
UniProt Protein Name	6-pyruvoyl tetrahydrobiopterin synthase
UniProt Gene Name	PTS
UniProt Synonym Gene Names	PTP synthase; PTPS
UniProt Entry Name	PTPS_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pts-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/280093>