

Rabbit anti-Human PTS Polyclonal Antibody | anti-PTS antibody

PTS antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306733	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

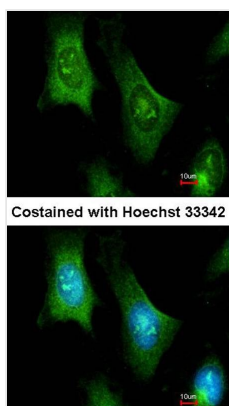
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	145
Applicable Applications for anti-PTS antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 111 of human PTS
Target Name	PTS
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

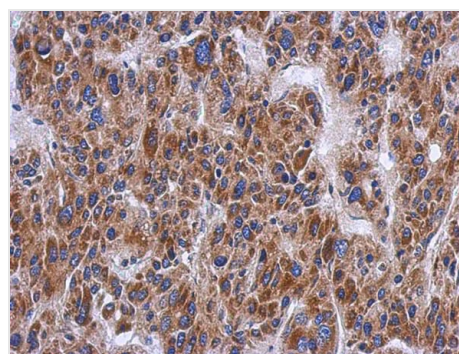
IMAGES



Costained with Hoechst 33342

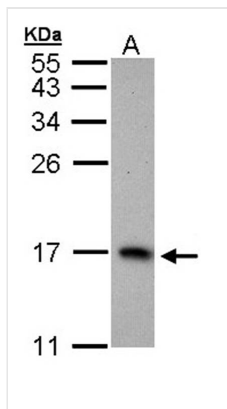
IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Hepatoma, using PTS antibody at 1: 500 dilution.



Application Data

Sample (30 ug of whole cell lysate) A: H1299 15% SDS PAGE Primary antibody diluted at 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(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. [provided by RefSeq]
Product Categories/Family for anti-PTS antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506331
NCBI GeneID	5805
NCBI Accession #	NP_000308
NCBI GenBank Nucleotide #	NM_000317.2
Molecular Weight	16,386 Da
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pts-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/306733>