

PTS antibody

Catalog No: #38811

Package Size: #38811-1 50ul #38811-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

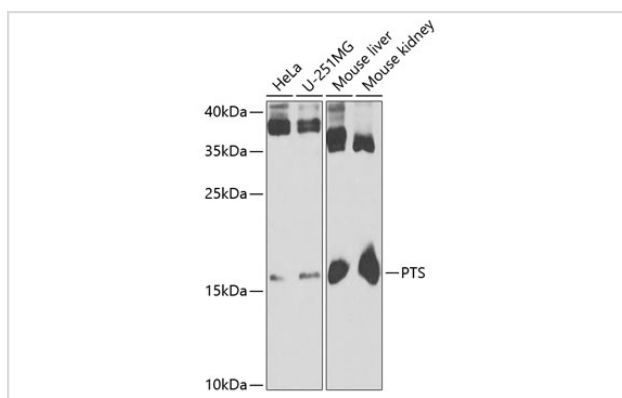
Description

Product Name	PTS antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total PTS protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PTS.
Target Name	PTS
Other Names	PTPS;
Accession No.	Swiss-Prot#: Q03393NCBI Gene ID: 5805
Uniprot	Q03393
GeneID	5805;
SDS-PAGE MW	16kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB □ 1:500 - 1:2000IF □ 1:10 - 1:100

Images



Western blot analysis of extracts of various cell lines, using PTS at 1:1000 dilution.

Background

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.

Note: This product is for in vitro research use only