

Datasheet for ABIN1885577
anti-PTS antibody (AA 1-111)



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Overview

Quantity:	100 µL
Target:	PTS
Binding Specificity:	AA 1-111
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTS antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 111 of human PTS
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	PTS
Alternative Name:	PTS (PTS Products)
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

Target Details

biosynthesis and NO synthase activity. Mutations in this gene result in hyperphenylalaninemia. [provided by RefSeq]

Molecular Weight: 16 kDa

Gene ID: 5805

NCBI Accession: [NP_000308](#), [NM_000317](#)

Application Details

Application Notes: Suggested dilutions:
Western blotting: 1.500-1.3000
Immunohistochemistry: 1.50-1.500
Immunofluorescence: 1.100-1.200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: 0.1 M Tris-buffered saline with 10 % Glycerol (pH 7.0). 0.01 % Thimerosal was added as a preservative.

Preservative: Thimerosal (Merthiolate)

Precaution of Use: Biohazard Informations: This product contains thimerosal which is hazardous.

Storage: 4 °C/-20 °C

Storage Comment: Store at -20 °C for long term preservation (recommended). Store at 4 °C for short term use.