

Product datasheet

Anti-PTPIA2 / PTPRN antibody [AFT38] ab75525

Overview

Product name	Anti-PTPIA2 / PTPRN antibody [AFT38]
Description	Mouse monoclonal [AFT38] to PTPIA2 / PTPRN
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Human
Immunogen	Recombinant full length Human PTPIA2/ PTPRN protein purified from E. coli
Positive control	Bosc23 cell lysate transfected with Myc/His/PTPIA2 / PTPRN.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	Preservative: 0.03% Sodium Azide Constituents: 50% Glycerol, 0.01% BSA, HEPES, 0.15M Sodium chloride
Purity	Ammonium Sulphate Precipitation
Clonality	Monoclonal
Clone number	AFT38
Isotype	IgG1
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab75525** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/2000. Predicted molecular weight: 106 kDa.
ELISA		Use at an assay dependent dilution.

Target

Function	Implicated in neuroendocrine secretory processes. May be involved in processes specific for neurosecretory granules, such as their biogenesis, trafficking or regulated exocytosis or may have a general role in neuroendocrine functions. Seems to lack intrinsic enzyme activity. May play a role in the regulation of secretory granules via its interaction with SNTB2.
Tissue specificity	Expression is restricted to neuroendocrine cells. Found in pancreas, brain and pituitary.
Sequence similarities	Belongs to the protein-tyrosine phosphatase family. Receptor class 8 subfamily. Contains 1 tyrosine-protein phosphatase domain.
Post-translational modifications	Appears to undergo multiple proteolytic cleavage at consecutive basic residues.
Cellular localization	Membrane. Neuroendocrine secretory granules.

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