



7B2 Monoclonal Antibody

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Reactivity Human; Mouse; Rat Applications WB Gene Name SCG5 SGNE1 Protein Name Neuroendocrine protein 7B2 (Pituitary polypeptide) (Secretogranin V) (Secretory granule endocrine protein I) [Cleaved into: N-terminal peptide; C-terminal peptide] Immunogen Synthesized peptide derived from human protein . at AA range: 90-170 Specificity 7B2 Monoclonal Antibody detects endogenous levels of protein. Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band 23kD Cell Pathway Secreted. Neuroendocrine and endocrine secretory granules. Tissue Specificity Brain, Pancreas, Pituitary, function: Acts as a molecular chaperone for PCSK2/PC2, preventing its prematuractivation in the regulated secretory pathway. Binds to inactive PCSK2 in the endoplasmic reticulum and facilitates its transport from there to later compartments of the secretory pathway. Binds to inactive PCSK2 in the endoplasmic reticulum and facilitates its transport from there to later compartments of the secretory pathway where it is proteolytically deaved in the C-terminal peptide inhibits PCSK2 in vitro. PTM:Proteolytically cleaved in the Golgi by a furni-like convertase to generate bioactive peptides. PJMS-Sulfated on tyrosine residues, similarity: Belongs to the 7B2 family, subcellular location: Neuroendocrine and endocrine secretory granules, subuniti.Interacts with location: Neuroendocrine and endocrine secretory granules, subuniti.Interacts with	Catalog No	BYmab-05831
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Nanjing BYabscience technology Co.,Ltd

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Background	This gene encodes a secreted chaperone protein that prevents the aggregation of other secreted proteins, including proteins that are associated with neurodegenerative and metabolic disease. The encoded protein may be best known for its role in the trafficking and activation of prohormone convertase PC2 (encoded by Gene ID: 5126). Phosphorylation of the encoded protein has been shown to have an inhibitory effect on its chaperone function. [provided by RefSeq, Jul 2016],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images Western Blot analysis of various cells using 7B2 1 Monoclonal Antibody kDa 180 --140 ---100 --75 ---60 --45 --35 ---25 ---**7B2** 15 --10 --

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