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Datasheet for ABIN337084

anti-STXBP2 antibody (AA 58-70)

2 Images

Overview

Quantity:	50 µg
Target:	STXBP2
Binding Specificity:	AA 58-70
Reactivity:	Human, Mouse, Rat, Cow, Dog, Hamster, Horse, Monkey, Pig, Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STXBP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP)

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide corresponding to aa 58-70 (V58EDINKRREPIPS70) of human Munc-18. Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Bovine, Dog, Horse, Pig, Opossum, Platypus, Xenopus (100%), Rabbit, Turkey, Chicken, Salmon, Stickleback, Pufferfish, Zebrafish, Eye worm, Nematode (92%), Lizard (85%). Type of Immunogen: Synthetic peptide
Specificity:	Recognizes human Munc at ~67kD by Western Blot. Species cross-reactivity: mouse and rat.
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset,

Product Details

Mouse, Rat, Hamster, Elephant, Panda, Bovine, Dog, Horse, Pig, Opossum, Platypus, Xenopus (100%) Rabbit, Turkey, Chicken, Salmon, Stickleback, Pufferfish, Zebrafish, Eye worm, Nematode (92%) Lizard (85%).

Purification: Immunoaffinity purified

Target Details

Target: STXBP2

Alternative Name: STXBP2 ([STXBP2 Products](#))

Background: Name/Gene ID: STXBP2

Synonyms: STXBP2, Hunc18b, MUNC18-2, Protein unc-18 homolog B, UNC18B, Pp10122, Syntaxin binding protein 2, Syntaxin-binding protein 2, Protein unc-18 homolog 2, Unc-18B, UNC18-2

Gene ID: 6813

UniProt: [Q15833](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Synaptic Vesicle Exocytosis](#)

Application Details

Application Notes: Approved: IHC, IHC-P (2.5 µg/mL), IP, WB

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 2.5 µg/mL.

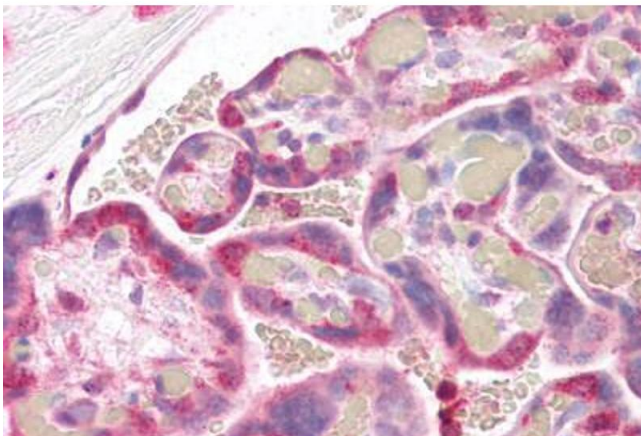
Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

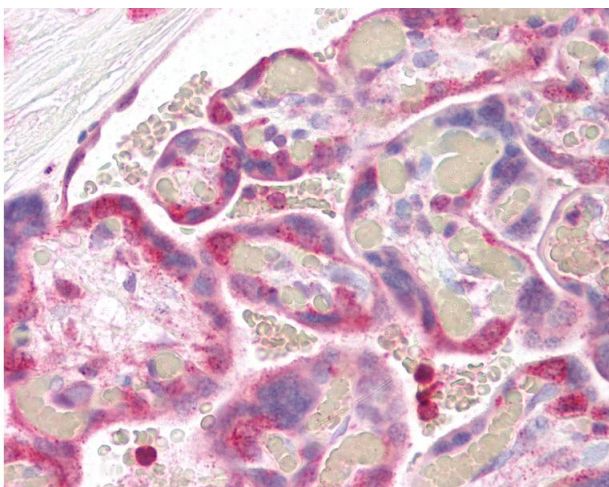
Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, 1 mg/mL BSA, 0.05 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C, -20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Placenta (formalin-fixed, paraffin-embedded) stained with STXBP2 antibody ABIN337084 at 2.5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-STXBP2 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.