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EB06217-B - Goat Anti-SNX5, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SNX5, sorting nexin 5

Official Symbol: SNX5

Accession Number(s): NP_055241.1; NP_001269383.1

Human GeneID(s): 27131

Non-Human GeneID(s): 69178 (mouse), 296199 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_055241.1; NP_001269383.1). Reported variants represent identical protein:

NP_055241.1, NP_689413.1

Immunogen

Peptide with sequence SLLQSCIDLFKNN., from the C Terminus of the protein sequence according to NP_055241.1; NP_001269383.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 48kDa band observed in lysates of cell line A549 (calculated MW of 46.8kDa according to NP_055241.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3μg/ml. Primary incubation was 1 hour.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat. Dog, Pig, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Biotinylated EB06217 (2µg/ml) staining of A549 lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.