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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB06716 - Goat Anti-CHMP5 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Vps60, chromosome 9 open reading frame 83, SNF7 domain containing 2, SNF7DC2, PNAS-2, HSPC177, CGI-34, C9orf83, HGNC:26942, chromatin modifying protein 5, CHMP5

Official Symbol: CHMP5

Accession Number(s): NP_057494.3

Human GeneID(s): [51510](#)

Immunogen

Peptide with sequence C-NKDGVLVDEFGLPQ, from the C Terminus of the protein sequence according to NP_057494.3.

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 1:8000.

Western blot: Approx 28kDa band observed in lysates of K562 (calculated MW of 24.5kDa according to NP_057494.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Ward et al, J Biol Chem. 2005 Mar 18;280(11): 10548-55.; PMID: 15644320). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Cow

Specific Reference

The goat polyclonal antibody used in this paper was manufactured by us:

Yang D, Rismanchi N, Renvoisé B, Lippincott-Schwartz J, Blackstone C, Hurley JH. Structural basis for midbody targeting of spastin by the ESCRT-III protein CHMP1B. Nat Struct Mol Biol. 2008 Dec;15(12):1278-86.

PMID: 18997780



EB06716 ($\mu\text{g/ml}$) staining of K562 lysate ($35\mu\text{g}$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.