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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.

EB06188 - Goat Anti-APXL Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: apical protein, Xenopus laevis-like, apical protein of Xenopus-like, FLJ39277, DKFZp781J074, shroom family member 2, APX homolog of Xenopus, apical protein-like (Xenopus laevis), HSAPXL, APXL, SHROOM2

Official Symbol: SHROOM2

Accession Number(s): NP_001640

Human GeneID(s): [357](#)

Immunogen

Peptide with sequence KCLLDLQPERGK, from the C Terminus of the protein sequence according to NP_001640.

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: Preliminary experiments gave a band at approx 120kDa in human brain extracts at 1µg/ml. Please note that currently we cannot find an explanation in the literature for the band we observe given the predicted size of approx. 186Kda according to NP_001640. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any splice variants/modified forms been reported?

Species Reactivity

Tested:

Expected from sequence similarity: Human, Cow

Background Reference

Schiaffino MV, Bassi MT, Rugarli EI, Renieri A, Galli L, Ballabio A.

Cloning of a human homologue of the Xenopus laevis APX gene from the ocular albinism type 1 critical region.

Hum Mol Genet. 1995 Mar;4(3):373-82.

PMID: 7795590