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Research Use Only. Not for diagnostic or therapeutic use.

EB06551 - Goat Anti-Ymer / CCDC50 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Ymer protein, coiled-coil domain containing 50, C3orf6, YMER, C3orf6,

chromosome 3 open reading frame 6

Official Symbol: CCDC50

Accession Number(s): NP_848018.1; NP_777568.1

Human GenelD(s): <u>152137</u>

Important Comments: This antibody is expected to recognise both reported isoforms of

human Ymer protein.

Immunogen

Peptide with sequence CFSKSESSHKGFHYK, from the internal region of the protein sequence according to NP_848018.1; NP_777568.1.

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.

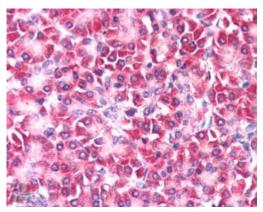
Western blot: Preliminary experiments gave an approx 18kDa band in Human Brain lysates after 1μg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 56.3kDa according to NP_848018.1 and 35.8kDa according to NP_777568.1. The 18kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

IHC: In paraffin embedded Human Pancreas shows strong staining in cytoplasm in select acinar cells. Recommended concentration, 5-10μg/ml.

Species Reactivity

Tested: Human

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



EB06551 ($5\mu g/ml$) staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.