

Goat anti-Ymer / CCDC50 Antibody

Item Number	dAP-0643
Target Molecule	Principle Name: Ymer / CCDC50; Official Symbol: CCDC50; All Names and Symbols: CCDC50; Ymer protein; coiled-coil domain containing 50; C3orf6, YMER; C3orf6; chromosome 3 open reading frame 6; DFNA44; Accession Number (s): NP_848018.1; NP_777568.1; Human Gene ID(s): 152137; Non-Human GeneID(s):
Immunogen	CFSKSESSHKGFFHYK, is from internal region This antibody is expected to recognise both reported isoforms of human Ymer protein.
Applications	Pep ELISA, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	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
IHC	Immunohistochemistry: In paraffin embedded Human Pancreas shows strong staining in cytoplasm in select acinar cells. Recommended concentration, 5-10µg/ml.
Reference	Reference(s): Blagoev B, Ong SE, Kratchmarova I, Mann M. Temporal analysis of phosphotyrosine-dependent signaling networks by quantitative proteomics. Nat Biotechnol. 2004 Sep;22(9):1139-45. Epub 2004 Aug 15. .PMID: 15314609 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**