

Goat anti-CHCHD3 (aa151-164) Antibody

Item Number	dAP-2068
Target Molecule	Principle Name: CHCHD3 (aa151-164); Official Symbol: CHCHD3; All Names and Symbols: CHCHD3; coiled-coil-helix-coiled-coil-helix domain containing 3; FLJ20420; Accession Number (s): NP_060282.1; Human Gene ID(s): 54927; Non-Human GeneID(s): 66075 (mouse) 296966 (rat)
Immunogen	RSSEFYRVTTTEQYQ, is from internal region
Applications	Pep ELISA, WB, 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: Approx 26.2kDa band observed in Human Placenta lysates (calculated MW of 26kDa according to NP_060282.1). Recommended concentration: 0.3-1µg/ml. A customer reported ~30kDa in THP1 and in human primary monocyte derived dendritic cells.
IHC	Immunohistochemistry: Paraffin embedded Human Kidney. Recommended concentration: 5µg/ml.
Reference	Reference(s): Xie,J., Marusich,M.F., Souda,P., Whitelegge,J. and Capaldi,R.A. The mitochondrial inner membrane protein mitofilin exists as a complex with SAM50, metaxins 1 and 2, coiled-coil-helix. Coiled-coil-helix domain-containing protein 3 and 6 and DnaJC11 FEBS Lett. 581 (18), 3545-3549

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**