

## Goat anti-CHCHD3 Antibody

<b>Item Number</b>	dAP-2067
<b>Target Molecule</b>	Principle Name: CHCHD3; 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 GenID(s): 296966 (rat)
<b>Immunogen</b>	KFKRYESHPCAD, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	Western Blot: Approx 26kDa band observed in Human Brain (Cerebellum) and Heart lysates (calculated MW of 26.2kDa according to NP_060282.1). Recommended concentration: 1-3µg/ml. Anonymous customer finds ~30kDa in THP1 and in human primary monocyte derived
<b>IHC</b>	
<b>Reference</b>	Reference(s): Xie,J., Marusich,M.F., Souda,P., Whitelegge,J. and Capaldi,R.A. The mitochondrial inner membrane protein mitoflin 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 end users! This product is sold for **Research Use Only**