

Goat anti-C16orf57 (aa154-167) Antibody

Item Number	dAP-2544
Target Molecule	Principle Name: C16orf57 (aa154-167); Official Symbol: C16orf57; All Names and Symbols: C16orf57; chromosome 16 open reading frame 57; FLJ13154; HVSL1; PN; HVSL motif containing 1; hypothetical protein LOC79650; Accession Number (s): NP_078874.2; NP_001182231.1; Human Gene ID(s): 79650; Non-Human GeneID(s):
Immunogen	TANQVKIYTNQEKT, is from internal region This antibody is expected to recognize both reported isoforms (NP_078874.2; NP_001182231.1).
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat
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 16000.
Western Blot	Western Blot: Approx 35+28kDa bands observed in Human, Mouse and Rat Skin lysates (calculated MW of 30.3kDa according to NP_078874.2 and 28.1kDa according to NP_001182231.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Walne AJ, Vulliamy T, Beswick R, Kirwan M, Dokal I. Mutations in C16orf57 and normal-length telomeres unify a subset of patients with dyskeratosis congenita, poikiloderma with neutropenia and Rothmund-Thomson syndrome. Hum Mol Genet. 2010 Nov 15;19(22):4453-61..PMID: 20817924->

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**