

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: 0.3-1 μ g/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 end users! This product is sold for **Research Use Only**