

## Goat anti-TRC8 Antibody

**Item Number** dAP-1760

**Target Molecule** Principle Name: TRC8; Official Symbol: RNF139; All Names and Symbols: RNF139; ring finger protein 139; TRC8; HRCA1; MGC31961; RCA1; patched related protein translocated in renal cancer; multiple membrane spanning receptor TRC8; Accession Number (s): NP\_009149.2; Human Gene ID(s): 11236; Non-Human GenID(s):

**Immunogen** HTGAAAEFNDDT, is from C Terminus

**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 16000.

**Western Blot** Western Blot: Approx 75kDa band observed in Human Skeletal Muscle lysates (calculated MW of 76.0kDa according to NP\_009149.2). Recommended concentration: 0.3-1 $\mu$ g/ml.

**IHC** Immunohistochemistry: In paraffin embedded Human Placenta shows membranous staining in the cytotrophoblasts. Recommended concentration, 3-4 $\mu$ g/ml.

**Reference** Reference(s): Gemmill RM, West JD, Boldog F, Tanaka N, Robinson LJ, Smith DI, Li F, Drabkin HA. The hereditary renal cell carcinoma 3;8 translocation fuses FHIT to a patched-related gene, TRC8. Proc Natl Acad Sci U S A. 1998 Aug 4;95(16):9572-7.. PMID: 9689122 ->

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**