

Goat anti-GRB7 (N Terminus) Antibody

Item Number	dAP-0084
Target Molecule	Principle Name: GRB7 (N Terminus); Official Symbol: GRB7; All Names and Symbols: GRB7; growth factor receptor-bound protein 7; OTTHUOMP00000164352; Accession Number (s): NP_005301.2; Human Gene ID (s): 2886; Non-Human GeneID(s): 14786 (mouse)
Immunogen	ELDLSPPHLSSSPE, is from N Terminus This antibody recognises the longer isoform of this protein in A431 lysate.
Applications	Pep ELISA, WB 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 60kDa band observed in lysates of cell line A431 (calculated MW of 59.7kDa according to NP_005301.2). In transfected HEK293 transiently expressing GRB7 a band of approx. 60kDa is observed. This band is not observed in the non-transfected.
IHC	
Reference	Reference(s): Margolis B, Silvennoinen O, Comoglio F, Roonprapunt C, Skolnik E, Ullrich A, Schlessinger J. High-efficiency expression/cloning of epidermal growth factor-receptor-binding proteins with Src homology 2 domains. Proc Natl Acad Sci U S A. 1992 Oct 1;89(19):8894-8.. PMID: 1409582->

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**