

## Goat anti-GAB2 Antibody

<b>Item Number</b>	dAP-1126
<b>Target Molecule</b>	Principle Name: GAB2; Official Symbol: GAB2; All Names and Symbols: GAB2; GRB2-associated binding protein 2; KIAA0571; Grb2-associated binder 2; Accession Number (s): NP_536739.1; NP_036428.1; Human Gene ID(s): 9846; Non-Human GeneID(s): 14389 (mouse) 84477 (rat)
<b>Immunogen</b>	QVDKEKTQALQN, is from internal region (near the C Terminus) This antibody is expected to recognize both reported isoforms (NP_536739.1; NP_036428.1).
<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 64000.
<b>Western Blot</b>	Western Blot: Approx 80kDa band observed in lysates of cell line K562 (calculated MW of 74.5kDa according to NP_536739.1). Recommended concentration: 0.5-1.5µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Bentires-Alj M, Gil SG, Chan R, Wang ZC, Wang Y, Imanaka N, Harris LN, Richardson A, Neel BG, Gu H. A role for the scaffolding adapter GAB2 in breast cancer. Nat Med. 2006 Jan;12(1):114-21. Epub 2005 Dec 20. PMID: 16369543->

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**