

## Goat anti-AKAP12 Antibody

<b>Item Number</b>	dAP-0021
<b>Target Molecule</b>	Principle Name: AKAP12; Official Symbol: AKAP12; All Names and Symbols: AKAP12; A kinase (PRKA) anchor protein (gravin) 12; GRAVIN; AKAP250; kinase scaffold protein gravin; A kinase (PRKA) anchor protein 12; DKFZp686M0430; DKFZp686O0331; Accession Number (s): NP_005091.2; NP_653080.1; Human Gene ID(s): 9590; Non-Human GeneID(s):
<b>Immunogen</b>	KQERESAKSELTES, is from C Terminus This antibody is expected to recognize both reported isoforms.
<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 32000.
<b>Western Blot</b>	Western Blot: Approx 200+150kDa bands observed in Human Uterus lysates (calculated MW of 191kDa according to NP_005091.2 and 181kDa according to NP_653080.1). Recommended concentration: 0.02-0.1µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Nauert JB, Klauck TM, Langeberg LK, Scott JD. Gravin, an autoantigen recognized by serum from myasthenia gravis patients, is a kinase scaffold protein. Curr Biol. 1997 Jan 1;7(1):52-62..PMID: 9000000->

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**