

Goat anti-AXIN1 Antibody

Item Number	dAP-0160
Target Molecule	Principle Name: AXIN1; Official Symbol: AXIN1; All Names and Symbols: AXIN1; axin 1; AXIN; LA16c-314G4.3; MGC52315; axis inhibition protein 1; axis inhibitor 1; fused, mouse, homolog of; Accession Number (s): NP_003493.1; NP_851393.1; Human Gene ID(s): 8312; Non-Human GeneID(s): 12005 (mouse) 79257 (rat)
Immunogen	FEKKIIGKVEKVD, is from C Terminus This antibody is expected to recognise both reported isoforms.
Applications	Pep ELISA, 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 128000.
Western Blot	Western Blot: Preliminary experiments gave bands at approx 150kDa and 22-24kDa in Human Brain (Hippocampus) lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe give
IHC	Immunohistochemistry: In paraffin embedded Human Adrenal Gland shows membranous and fibrous staining in and around secretory cells of the zona fasciculata in the cortex. Recommended concentration, 3-5µg/ml.
Reference	Reference(s): Zeng L, Fagotto F, Zhang T, Hsu W, Vasicek TJ, Perry WL 3rd, Lee JJ, Tilghman SM, Gumbiner BM, Costantini F. The mouse Fused locus encodes Axin, an inhibitor of the Wnt signaling pathway that regulates embryonic axis formation. Cell. 1997 Jul 11;90(1):181-92..PMID: 9230313->

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**