

Goat anti-GPSM2 Antibody

Item Number	dAP-1004
Target Molecule	Principle Name: GPSM2; Official Symbol: GPSM2; All Names and Symbols: GPSM2; G-protein signalling modulator 2 (AGS3-like, <i>C. elegans</i>) ; HGNC:29501; LGN; Pins; LGN protein; Accession Number (s): NP_037428.2; Human Gene ID(s): 29899; Non-Human GeneID(s):
Immunogen	NRLKGKKYKTNSTK, is from internal region
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 64000.
Western Blot	Western Blot: Approx 70kDa band observed in Human Brain (Cerebellum) and Human Liver lysates (calculated MW of 75.8kDa according to NP_037428.2). Recommended concentration: 0.01-0.03µg/ml. An additional band of unknown identity was also consistently obs
IHC	Immunohistochemistry: Paraffin embedded Human Testis. Recommended concentration: 5µg/ml.
Reference	Reference(s): Yasumi M, Sakisaka T, Hoshino T, Kimura T, Sakamoto Y, Yamanaka T, Ohno S, Takai Y. Direct binding of Lgl2 to LGN during mitosis and its requirement for normal cell division. J Biol Chem. 2005 Feb 25;280(8):6761-5. Epub 2005 Jan 4. .PMID: 15632202 ->

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**