

## Goat anti-PUM2 Antibody

Item Number	dAP-0651
Target Molecule	Principle Name: PUM2; Official Symbol: PUM2; All Names and Symbols: PUM2; PUMH2; PUML2; KIAA0235; pumilio homolog 2 (Drosophila); pumilio (Drosophila) homolog 2; FLJ36528; MGC138251; MGC138253; OTTHUMP00000200539; pumilio homolog 2; Accession Number (s): NP_056132.1; Human Gene ID(s): 23369; Non-Human GenelD(s):
Immunogen	DQNRLKQGDDDSK, is from internal region
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 4000.
Western Blot	Western Blot: In transfected HEK293 transiently expressing full-length Human PUM2 (myc and DYKDDDDK tagged), a band of approx. 140kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-DYKDDDDK tag a
IHC	
Reference	Reference(s): Szakmary A, Cox DN, Wang Z, Lin H. Regulatory Relationship among piwi, pumilio, and bag-of-marbles in Drosophila Germline Stem Cell Self-Renewal and Differentiation. <i>Curr Biol</i> . 2005 Jan 26;15(2):171-8. PMID: 15668175 ->

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**