

Goat anti-ARL4A Antibody

Item Number	dAP-0099
Target Molecule	Principle Name: ARL4A; Official Symbol: ARL4A; All Names and Symbols: ARL4A; ARL4; ADP-ribosylation factor-like 4; ADP-ribosylation factor-like 4A; OTTHUMP00000155200; OTTHUMP00000201575; Accession Number (s): NP_001032241.1; NP_005729.1; P_997625.1; Human Gene ID(s): 10124; Non-Human GeneID(s): 11861 (mouse)
Immunogen	GNGLSDQTSILSN, is from N Terminus This is also expected to react with a hypothetical human protein, XP_166703, and a hypothetical mouse protein, AAH03725 - both very similar to ARL4.
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 1000.
Western Blot	Western Blot: Approx 23kDa band seen in Human Testis lysate. Recommended for use at 1-3µg/ml.
IHC	
Reference	Reference(s): Jacobs S, Schurmann A, Becker W, Bockers TM, Copeland NG, Jenkins NA, Joost HG. The mouse ADP-ribosylation factor-like 4 gene: two separate promoters direct specific transcription in tissues and testicular germ cell. Biochem J 1998 Oct 15;335 (Pt 2):259-65.PMID: 9761722->

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**