

Goat anti-ARF4 (aa137-150) Antibody

Item Number	dAP-2672
Target Molecule	Principle Name: ARF4 (aa137-150); Official Symbol: ARF4; All Names and Symbols: ARF4; ADP-ribosylation factor 4; ARF2; ADP-ribosylation factor 2; OTTHUMP00000213140; OTTHUMP00000213142; OTTHUMP00000213211; Accession Number (s): NP_001651.1; Human Gene ID(s): 378; Non-Human GeneID(s): 11843 (mouse) 79120 (rat)
Immunogen	SEMTDKLGLQSLRN, is from internal region
Applications	Pep ELISA, WB, IHC Species Tested: Human, Mouse
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: Approx 19kDa band observed in lysates of cell lines NIH3T3 and HeLa (calculated MW of 20.5kDa according to NP_001651.1). Recommended concentration: 0.3-1µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Thymus. Recommended concentration: 5µg/ml.
Reference	Reference(s): Jang SY, Jang SW, Ko J. Regulation of ADP-ribosylation factor 4 expression by small leucine zipper protein and involvement in breast cancer cell migration. Cancer Lett. 2012 Jan 28;314(2):185-97..PMID: 22004728->

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**