

Goat anti-AIP / ARA9 Antibody

Item Number	dAP-1133
Target Molecule	Principle Name: AIP / ARA9; Official Symbol: AIP; All Names and Symbols: AIP; ARA9; aryl hydrocarbon receptor interacting protein ; FKBP16; FKBP37; XAP2 ; HBV-X associated protein; aryl hydrocarbon receptor-interacting protein; Accession Number (s): NP_003968.1; Human Gene ID(s): 9049; Non-Human Gene-ID(s): 11632 (mouse) 282827 (rat)
Immunogen	EARIRQKDEEDKAR, is from C Terminus
Applications	Pep ELISA, WB, IHC Species Tested: Mouse, 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 37kDa band observed in lysates of cell line NIH/3T3 (calculated MW of 37.7kDa according to Human NP_003968.1 and 37.6kDa according to mouse NP_057875.1). In transfected HEK-293 transiently expressing ARA9 a band of approx. 42kDa is observed.
IHC	Immunohistochemistry: Paraffin embedded Human Placenta. Recommended concentration: 5µg/ml.
Reference	Reference(s): Vierimaa O, Georgitsi M, Lehtonen R, Vahteristo P, Kokko A, Raitila A, Tuppurainen K, Ebeling TM, Salmela PI, Paschke R, Gundogdu S, De Menis E, Makinen MJ, Launonen V, Karhu A, Aaltonen LA. Pituitary adenoma predisposition caused by germline mutations in the AIP gene. Science. 2006

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**