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Research Use Only. Not for diagnostic or therapeutic use.

EB07776 - Goat Anti-AIP / ARA9 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: AIP, ARA9, aryl hydrocarbon receptor interacting protein, FKBP16, FKBP37, XAP2, HBV-X associated protein, aryl hydrocarbon receptor-interacting protein

Official Symbol: AIP

Accession Number(s): NP_003968.1

Human GeneID(s): 9049

Non-Human GenelD(s): 11632 (mouse), 282827 (rat)

Immunogen

Peptide with sequence C-EARIRQKDEEDKAR, from the C Terminus of the protein sequence according to NP_003968.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

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 HEK293 transiently expressing ARA9 a band of approx. 42kDa is observed. This band is not observed in the non-transfected HEK293.

Recommended concentration: 0.02-0.06µg/ml.

IHC: Paraffin embedded Human Placenta. Recommended concentration: 5µg/ml.

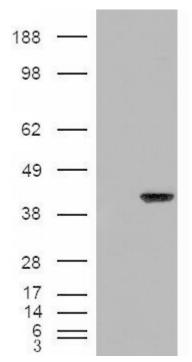
Species Reactivity

Tested: Mouse, Human

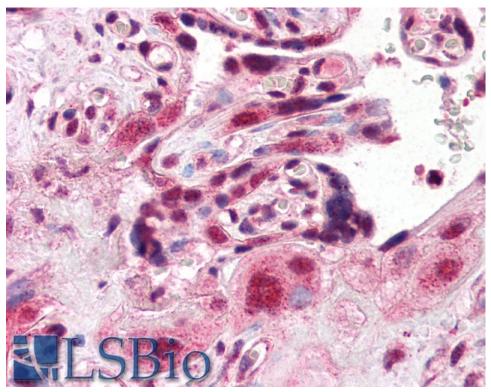
Expected from sequence similarity: Human, Mouse, Rat, Dog



EB07776 (0.02 μ g/ml) staining of NIH/3T3 cell lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



HEK293 overexpressing ARA9 (RC211157) and probed with EB07776 (mock transfection in first lane), tested by Origene.



EB07776 ($5\mu g/ml$) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.