



## International Office

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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 GeneID(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.

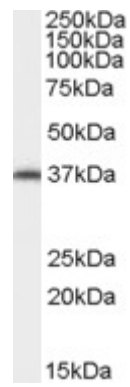
Recommended concentration: 0.02-0.06µg/ml.

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

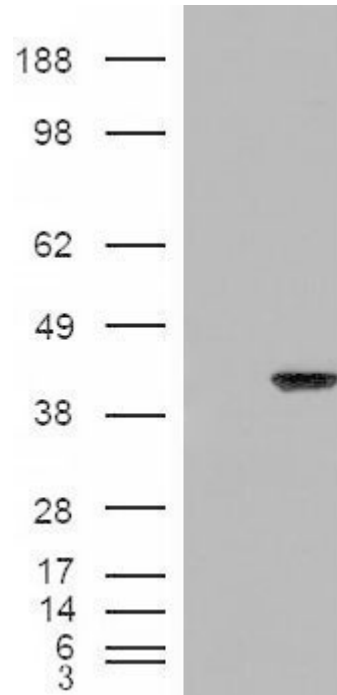
### Species Reactivity

**Tested:** Mouse, Human

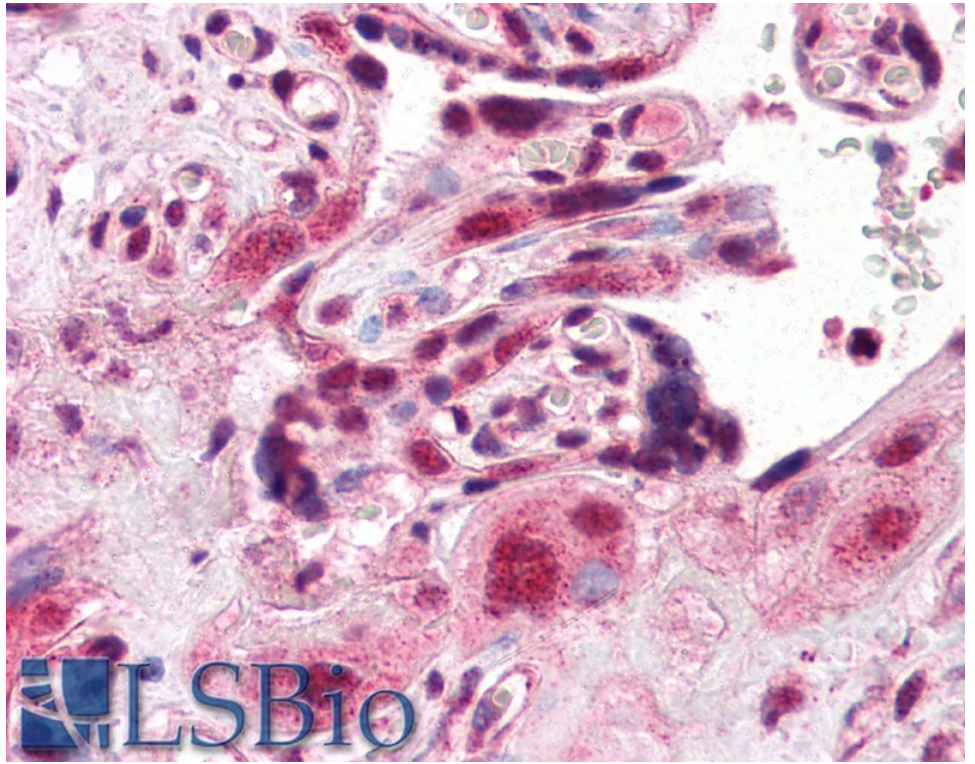
**Expected from sequence similarity:** Human, Mouse, Rat, Dog



EB07776 (0.02µg/ml) staining of NIH/3T3 cell lysate (35µg 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 (5µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.