

AIP Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14600b

Specification

AIP Antibody (C-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q00170
Other Accession	Q5FWY5 , Q7YRC1 , NP_003968.2
Reactivity	Human
Predicted	Bovine, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Antigen Region	293-321

AIP Antibody (C-term) - Additional Information

Gene ID 9049

Other Names

AH receptor-interacting protein, AIP,
Aryl-hydrocarbon receptor-interacting
protein, HBV X-associated protein 2, XAP-2,
Immunophilin homolog ARA9, AIP, XAP2

Target/Specificity

This AIP antibody is generated from rabbits
immunized with a KLH conjugated synthetic
peptide between 293-321 amino acids from
the C-terminal region of human AIP.

Dilution

WB~~1:1000
IHC-P~~1:10~50

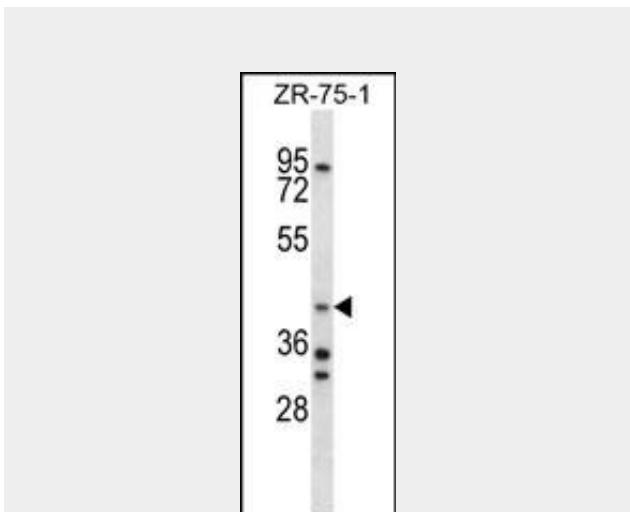
Format

Purified polyclonal antibody supplied in PBS
with 0.09% (W/V) sodium azide. This
antibody is purified through a protein A
column, followed by peptide affinity
purification.

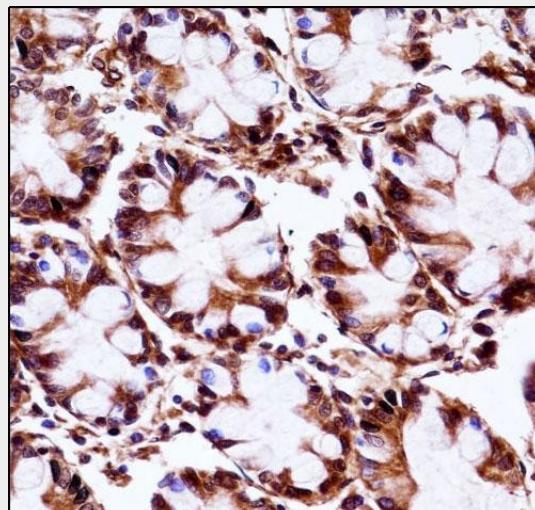
Storage

Maintain refrigerated at 2-8°C for up to 2
weeks. For long term storage store at -20°C
in small aliquots to prevent freeze-thaw
cycles.

Precautions



AIP Antibody (C-term) (Cat. #AP14600b)
western blot analysis in ZR-75-1 cell line
lysates (35ug/lane). This demonstrates the
AIP antibody detected the AIP protein (arrow).



AIP Antibody (C-term)
(AP14600b)immunohistochemistry analysis in
formalin fixed and paraffin embedded human
rectum tissue followed by peroxidase
conjugation of the secondary antibody and
DAB staining. This data demonstrates the use
of AIP Antibody (C-term) for
immunohistochemistry. Clinical relevance has
not been evaluated.

AIP Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

AIP Antibody (C-term) - Protein Information

Name AIP

Synonyms XAP2

Function

May play a positive role in AHR-mediated (aromatic hydrocarbon receptor) signaling, possibly by influencing its receptivity for ligand and/or its nuclear targeting.

Cellular Location

Cytoplasm.

Tissue Location

Widely expressed. Higher levels seen in the heart, placenta and skeletal muscle. Not expressed in the liver

AIP Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

AIP Antibody (C-term) - Background

The protein encoded by this gene is a receptor for aryl hydrocarbons and a ligand-activated transcription factor. The encoded protein is found in the cytoplasm as part of a multiprotein complex, but upon binding of ligand is transported to the nucleus. This protein can regulate the expression of many xenobiotic metabolizing enzymes. Also, the encoded protein can bind specifically to and inhibit the activity of hepatitis B virus.

AIP Antibody (C-term) - References

Daly, A.F., et al. *J. Clin. Endocrinol. Metab.* 95 (11), E373-E383 (2010) :
Stratakis, C.A., et al. *Clin. Genet.* 78(5):457-463(2010)
Occhi, G., et al. *Eur. J. Endocrinol.* 163(3):369-376(2010)
Igreja, S., et al. *Hum. Mutat.* 31(8):950-960(2010)
Jugessur, A., et al. *PLoS ONE* 5 (7), E11493 (2010) :