

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

AIP Antibody (C-term) - Product Information

Application	IHC-P, WB,E
Primary Accession	O00170
Other Accession	Q5FWY5 , Q7YRC1 , NP_003968.2
Reactivity	Human
Predicted	Bovine, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
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

IHC-P~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

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) 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.

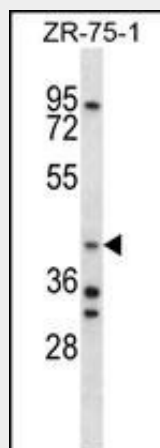
Tissue Location

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

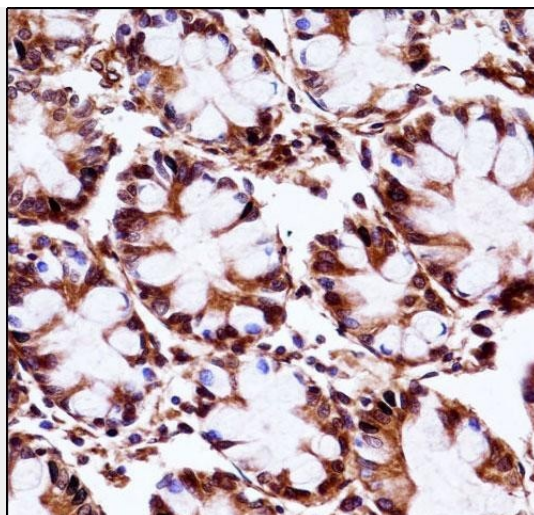
AIP Antibody (C-term) - Protocols

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) - Images

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) - 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)
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