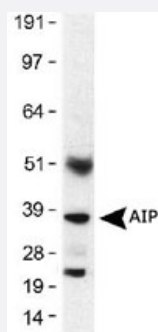


AIP monoclonal antibody, clone 35-2

Catalog # MAB2382 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis of AIP in mouse lung lysates (30 ug) using AIP monoclonal antibody, clone 35-2 (Cat # MAB2382) at 1 : 500 with a 1 second exposure.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant AIP.
Immunogen	Recombinant protein corresponding to human AIP.
Host	Mouse
Reactivity	Human, Mouse, Rat
Specificity	This antibody is specific to ARA9.
Form	Liquid
Isotype	IgG1
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In tissue culture supernatant (0.09% sodium azide)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of AIP in mouse lung lysates (30 ug) using AIP monoclonal antibody, clone 35-2 (Cat # MAB2382) at 1 : 500 with a 1 second exposure.

- Immunoprecipitation

Gene Info — AIP

Entrez GeneID	9049
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Gene Name	AIP
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Gene Alias	ARA9, FKBP16, FKBP37, SMTPHN, XAP2
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Gene Description	aryl hydrocarbon receptor interacting protein
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Omim ID	102200 605555
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Gene Ontology	Hyperlink
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Gene Summary	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. [provided by RefSeq]
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Other Designations	HBV-X associated protein aryl hydrocarbon receptor-interacting protein
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Publication Reference

- [Role of endogenous XAP2 protein on the localization and nucleocytoplasmic shuttling of the endogenous mouse Ahb-1 receptor in the presence and absence of ligand.](#)

Pollenz RS, Wilson SE, Dougherty EJ.

Molecular Pharmacology 2006 Oct; 70(4):1369.

Application: WB, Human, Hepa-1 cells

- [The aryl hydrocarbon \(Ah\) receptor transcriptional regulator hepatitis B virus X-associated protein 2 antagonizes p23 binding to Ah receptor-Hsp90 complexes and is dispensable for receptor function.](#)

Hollingshead BD, Petrulis JR, Perdew GH.

The Journal of Biological Chemistry 2004 Oct; 279(44):45652.

Application: IP, WB, Monkey, COS-1 cells

- [Subcellular localization of the aryl hydrocarbon receptor is modulated by the immunophilin homolog hepatitis B virus X-associated protein 2.](#)

Petrulis JR, Hord NG, Perdew GH.

The Journal of Biological Chemistry 2000 Dec; 275(48):37448.

Application: WB-Ce, WB-Tr, Monkey, COS-1 cells

- [Characterization of the Ah receptor-associated protein, ARA9.](#)

Carver LA, LaPres JJ, Jain S, Dunham EE, Bradfield CA.

The Journal of Biological Chemistry 1998 Dec; 273(50):33580.

- [Ligand-dependent interaction of the aryl hydrocarbon receptor with a novel immunophilin homolog in vivo.](#)

Carver LA, Bradfield CA.

The Journal of Biological Chemistry 1997 Apr; 272(17):11452.

Disease

- [Acromegaly](#)
- [Adenoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
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