



AIP mouse mAb

Catalog No	YP-mAb-08905
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	AIP XAP2
Immunogen	Synthesized peptide derived from human AIP AA range: 251-301
Specificity	This antibody detects endogenous levels of AIP at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ARA9;XAP 2;XAP2;AH receptor-interacting protein;AIP;AIP XAP2
Observed Band	36kD
Calculated Molecular Weight	36kD
Cell Pathway	Cytoplasm.
Tissue Specificity	Widely expressed. Higher levels seen in the heart, placenta and skeletal muscle. Not expressed in the liver.
Function	disease:Defects in AIP are a cause of ACTH-secreting pituitary adenoma [MIM:219090]; also known as pituitary Cushing disease. Cushing disease is a condition associated with increased blood cortisol resulting from adrenocorticotrophic hormone (ACTH)-producing pituitary tumors that are resistant to glucocorticoid negative feedback.,disease:Defects in AIP are a cause of familial isolated pituitary adenoma (FIPA) [MIM:102200].,disease:Defects in AIP are a cause of growth hormone-secreting pituitary adenoma [MIM:102200]; also known as familial isolated somatotrophinomas (FIS) or isolated familial somatotrophinoma (IFS) or familial somatotrophinoma or acromegaly due to pituitary adenoma.,disease:Defects in AIP are a cause of pituitary adenoma predisposition (PAP) [MIM:102200].,function:Cellular negative regulator of the hepatitis B virus (HBV) X protein.,function:May play a positive



role in AHR-m

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. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2014],

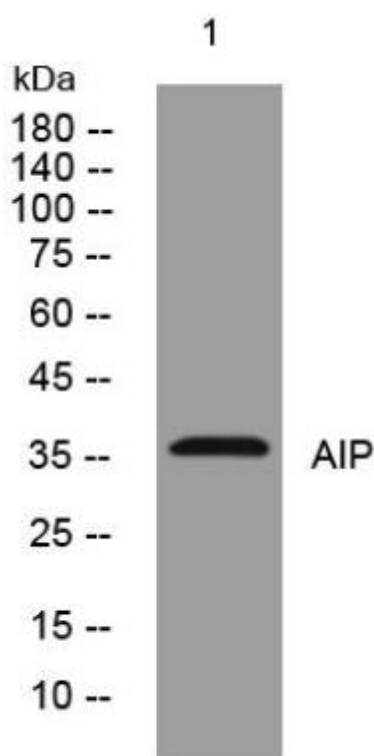
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using AIP mouse mAb