

Product datasheet

Anti-AIP antibody [EPR13585] α b192024

Recombinant RabMAb

[1 References](#) [2 Images](#)

Overview

Product name	Anti-AIP antibody [EPR13585]
Description	Rabbit monoclonal [EPR13585] to AIP
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide within Human AIP aa 1-100. The exact sequence is proprietary. Database link: O00170
Positive control	HeLa, Jurkat, HepG2, C6, Raw264.7 and NIH/3T3 cell lysates; Human thymus, Mouse brain, Mouse heart, Mouse kidney, Mouse spleen, Rat heart and Rat kidney lysates.

General notes

Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb[®] patents](#).

This product is a [recombinant rabbit monoclonal antibody](#).

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR13585
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab192024** in the following tested applications.

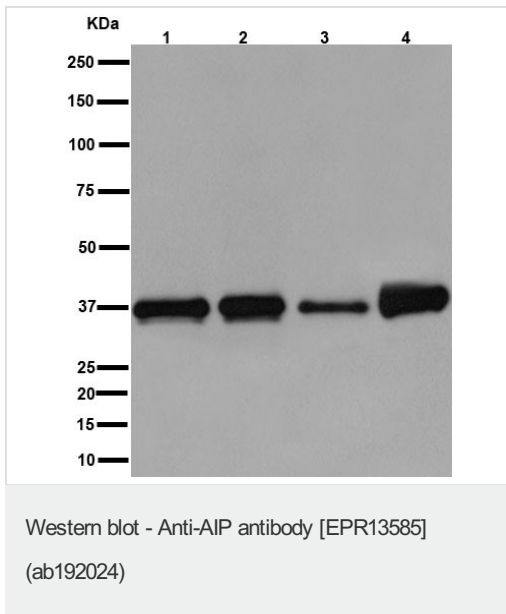
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/10000. Detects a band of approximately 38 kDa (predicted molecular weight: 38 kDa).

Target

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 negative regulator of the hepatitis B virus (HBV) X protein.
Tissue specificity	Widely expressed. Higher levels seen in the heart, placenta and skeletal muscle. Not expressed in the liver.
Involvement in disease	Defects in AIP are a cause of familial isolated pituitary adenoma (FIPA) [MIM:102200]. Defects in AIP are a cause of growth hormone-secreting pituitary adenoma (GHSPA) [MIM:102200]; also known as familial isolated somatotropinomas (FIS) or isolated familial somatotropinoma (IFS) or familial somatotrophinoma or acromegaly due to pituitary adenoma. Defects in AIP are a cause of ACTH-secreting pituitary adenoma (ASPA) [MIM:219090]; also known as pituitary Cushing disease. A pituitary adenoma resulting in excessive production of adrenocorticotrophic hormone. This leads to hypersecretion of cortisol by the adrenal glands and ACTH-dependent Cushing syndrome. Clinical manifestations of Cushing syndrome include facial and trunkal obesity, abdominal striae, muscular weakness, osteoporosis, arterial hypertension, diabetes. Defects in AIP are a cause of prolactin-secreting pituitary adenoma (PSPA) [MIM:600634]; also known as prolactinoma. Prolactin-secreting pituitary adenoma is the most common type of hormonally active pituitary adenoma.
Sequence similarities	Contains 1 PPlase FKBP-type domain. Contains 2 TPR repeats.
Cellular localization	Cytoplasm.

Images



All lanes : Anti-AIP antibody [EPR13585] (ab192024) at 1/10000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : Jurkat cell lysate

Lane 3 : HepG2 cell lysate

Lane 4 : Human thymus cell lysate

Lysates/proteins at 20 µg per lane.

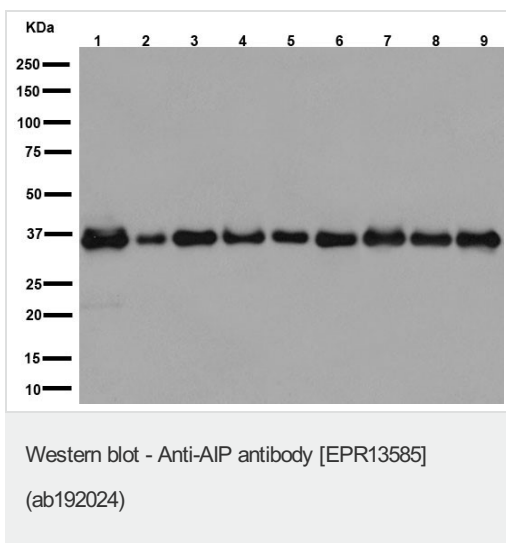
Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 38 kDa

Observed band size: 38 kDa

Blocking/dilution buffer: 5% NFDm/TBST.



All lanes : Anti-AIP antibody [EPR13585] (ab192024) at 1/1000 dilution

Lane 1 : Mouse brain lysate

Lane 2 : Mouse heart lysate

Lane 3 : Mouse kidney lysate

Lane 4 : Mouse spleen lysate

Lane 5 : Rat heart lysate

Lane 6 : Rat kidney lysate

Lane 7 : C6 cell lysate

Lane 8 : Raw 264.7 cell lysate

Lane 9 : NIH/3T3 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 38 kDa

Observed band size: 38 kDa

Blocking/dilution buffer: 5% NFDM /TBST.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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