

Product datasheet

Anti-AHRR antibody ab108518

★★★★★ 1 Abreviews 1 References 2 图像

概述

产品名称	Anti-AHRR抗体
描述	兔多克隆抗体to AHRR
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat
免疫原	Synthetic peptide from the N terminal region of Human AHRR.
阳性对照	Human fetal testis tissue. Human fetal lung, testis and spleen lysates.

性能

形式	Lyophilised:Reconstitute with 200ul distilled H2O. Please note that if you receive this product in liquid form it has already been reconstituted as described and no further reconstitution is necessary.
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.2 Preservative: 0.02% Sodium azide Constituents: 1% BSA, PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab108518** in the following tested applications.

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

应用	Ab评论	说明
WB		1/1000 - 1/2000. Predicted molecular weight: 76 kDa.

应用	Ab评论	说明
IHC-P	★★★★★	1/100 - 1/500.

靶标

功能

Mediates dioxin toxicity and is involved in regulation of cell growth and differentiation. Represses the transcription activity of AHR by competing with this transcription factor for heterodimer formation with the ARNT and subsequently binding to the xenobiotic response element (XRE) sequence present in the promoter regulatory region of variety of genes. Represses CYP1A1 by binding the XRE sequence and recruiting ANKRA2, HDAC4 and/or HDAC5. Autoregulates its expression by associating with its own XRE site.

组织特异性

Highly expressed in testis, lung, ovary, spleen and pancreas. Highly expressed in mononuclear cells (MNCs) from umbilical cord blood. Isoform 3 is highly expressed in lung, kidney, spleen and thymus. Down-regulated malignant tissue from different anatomical origins, including colon, breast, lung, stomach, cervix, and ovary.

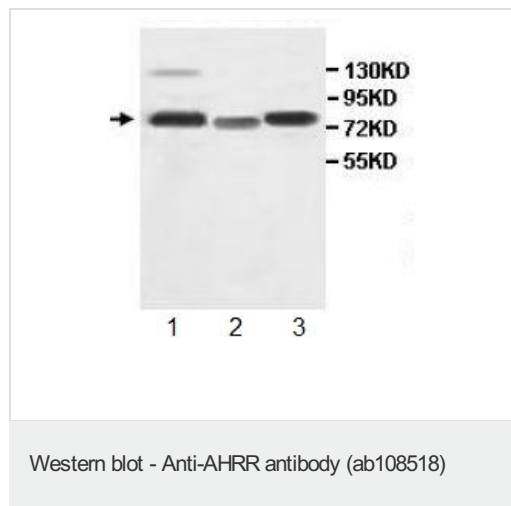
序列相似性

Contains 1 basic helix-loop-helix (bHLH) domain.
Contains 1 PAS (PER-ARNT-SIM) domain.

细胞定位

Cytoplasm. Nucleus. Predominantly in the nuclear compartment. First cytoplasmic, translocates into the nuclear compartment upon interaction with ARNT in the cytoplasmic compartment.

图片



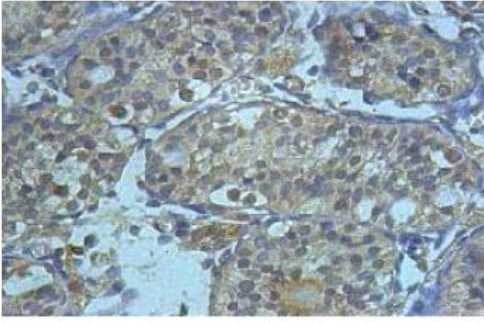
All lanes : Anti-AHRR antibody (ab108518) at 1/1000 dilution

Lane 1 : Fetal testis lysate

Lane 2 : Fetal lung lysate

Lane 3 : Fetal spleen lysate

Predicted band size: 76 kDa



ab108518 at 1/100 dilution showing cytoplasmic and nuclear staining of AHRR in formalin-fixed, paraffin-embedded Human fetal testis by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-AHRR antibody (ab108518)

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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