

Datasheet for ABIN7599680
anti-AHRR antibody (AA 108-180)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	AHRR
Binding Specificity:	AA 108-180
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AHRR antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	Anti-AHRR Antibody Picoband®
Immunogen:	E.coli-derived human AHRR recombinant protein (Position: L108-D180).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-AHRR Antibody Picoband® (ABIN7599680). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	AHRR
Alternative Name:	AHRR (AHRR Products)
Background:	<p>Synonyms: Platelet endothelial cell adhesion molecule, PECAM-1, CD31, Pecam1, Pecam</p> <p>Tissue Specificity: Isoform 1 and isoform 3 are expressed in lung and platelets.</p> <p>Background: The aryl-hydrocarbon receptor repressor also known as AHRR is a human gene. The protein encoded by this gene participates in the aryl hydrocarbon receptor (AhR) signaling cascade, which mediates dioxin toxicity, and is involved in regulation of cell growth and differentiation. It functions as a feedback modulator by repressing AhR-dependent gene expression. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.</p>
Molecular Weight:	76 kDa
Gene ID:	57491
Pathways:	Steroid Hormone Biosynthesis, Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Mouse</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Baba, T., Mimura, J., Gradin, K., Kuroiwa, A., Watanabe, T., Matsuda, Y., Inazawa, J., Sogawa, K., Fujii-Kuriyama, Y. Structure and expression of the Ah receptor repressor gene. J. Biol. Chem. 276: 33101-33110, 2001. 2. Mimura, J., Ema, M., Sogawa, K., Fujii-Kuriyama, Y. Identification of a novel mechanism of regulation of Ah (dioxin) receptor function. Genes Dev. 13: 20-25, 1999. 3. Nagase, T., Ishikawa, K., Kikuno, R., Hirose, M., Nomura, N., Ohara, O. Prediction of the coding sequences of unidentified human genes. XV. The complete sequences of 100 new cDNA clones from brain which code for large proteins in vitro. DNA Res. 6: 337-345, 1999.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.

Handling

Storage: 4 °C, -20 °C

Storage Comment: At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.
It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.