

Datasheet for ABIN7601676
anti-AHRR antibody (AA 410-665)



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Overview

Quantity:	100 µg
Target:	AHRR
Binding Specificity:	AA 410-665
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AHRR antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-AHRR Antibody Picoband®
Immunogen:	E.coli-derived human AHRR recombinant protein (Position: K410-D665).
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-AHRR Antibody Picoband® (ABIN7601676). Tested in ELISA, IF, IHC, ICC, WB, Flow Cytometry applications. This antibody reacts with Human. 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: 70 kDa ribosomal protein S6 kinase 1 antibody, KS6B1_HUMAN antibody, p70 alpha antibody, P70 beta 1 antibody, p70 ribosomal S6 kinase alpha antibody, p70 ribosomal S6 kinase beta 1 antibody, p70 S6 kinase alpha antibody, P70 S6 Kinase antibody, p70 S6 kinase alpha 1 antibody, p70 S6 kinase alpha 2 antibody, p70 S6K antibody, p70 S6K-alpha antibody, p70 S6KA antibody, p70(S6K) alpha antibody, p70(S6K)-alpha antibody, p70-alpha antibody, p70-S6K 1 antibody, p70-S6K antibody, P70S6K antibody, P70S6K1 antibody, p70S6Kb antibody, PS6K antibody, Ribosomal protein S6 kinase 70 kDa polypeptide 1 antibody, Ribosomal protein S6 kinase beta 1 antibody, Ribosomal protein S6 kinase beta-1 antibody, Ribosomal protein S6 kinase I antibody, RPS6KB1 antibody, S6K antibody, S6K-beta-1 antibody, S6K1 antibody, Serine/threonine kinase 14 alpha antibody, Serine/threonine-protein kinase 14A antibody, STK14A antibody</p> <p>Tissue Specificity: Expressed in all tissues.</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:	100 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</p> <p>Immunohistochemistry, 2-5 µg/mL, Human</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human</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</p>
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Application Details

a novel mechanism of regulation of Ah (dioxin) receptor function. Genes Dev. 13: 20-25, 1999.

3. Nagase, T., Ishikawa, K., Kikuno, R., Hirosawa, 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.

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.

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.