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Datasheet for ABIN7144662
anti-AHRR antibody (AA 255-506) (Biotin)

Overview

Quantity:	100 µg
Target:	AHRR
Binding Specificity:	AA 255-506
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AHRR antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Aryl hydrocarbon receptor repressor protein (255-506AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	AHRR
Alternative Name:	AHRR (AHRR Products)
Background:	Background: Mediates dioxin toxicity and is involved in regulation of cell growth and differentiation. Represses the transcription activity of AHR by competing with this transcription

Target Details

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.

Aliases: AHH antibody, AhR repressor antibody, AhRR antibody, AHRR_HUMAN antibody, aryl hydrocarbon hydroxylase regulator antibody, aryl hydrocarbon receptor regulator antibody, Aryl hydrocarbon receptor repressor antibody, Arylhydrocarbon receptor repressor antibody, bHLHe77 antibody, Class E basic helix-loop-helix protein 77 antibody, Dioxin receptor repressor antibody, KIAA1234 antibody, MGC167813 antibody, MGC176630 antibody, OTTHUMP00000221488 antibody, OTTHUMP00000221489 antibody

UniProt: [A9YTQ3](#)

Pathways: [Steroid Hormone Biosynthesis](#), [Regulation of Lipid Metabolism by PPARalpha](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.