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## Datasheet for ABIN7144664

# anti-AHRR antibody (AA 255-506) (HRP)

#### Overview

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

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.