

# Ahrr antibody - middle region

Rabbit Polyclonal Antibody  
Catalog # AI11098

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q3U1U7</a>
<b>Other Accession</b>	<a href="#">NM_009644</a> , <a href="#">NP_033774</a>
<b>Reactivity</b>	Mouse, Rat
<b>Predicted</b>	Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	77760

## Additional Information

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<b>Gene ID</b>	11624
<b>Alias Symbol</b>	KIAA1234, mKIAA1234
<b>Other Names</b>	Aryl hydrocarbon receptor repressor, AhR repressor, AhRR, Ahrr, Kiaa1234
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-Ahrr antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	Ahrr antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

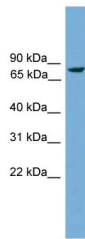
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<b>Name</b>	Ahrr
<b>Synonyms</b>	Kiaa1234
<b>Function</b>	Mediates dioxin toxicity and is involved in regulation of cell growth and differentiation. Represses the transcription activity of AHR by competing with AHR for heterodimer formation with ARNT and subsequently binding to the xenobiotic response element (XRE) sequence present in the promoter regulatory region of a 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.
<b>Cellular Location</b>	Cytoplasm. Nucleus {ECO:0000255   PROSITE-ProRule:PRU00981,

ECO:0000269 | PubMed:9887096} Note=Predominantly in the nuclear compartment. First cytoplasmic, translocates into the nuclear compartment upon interaction with ARNT in the cytoplasmic compartment

## Images

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WB Suggested Anti-Ahrr Antibody Titration: 0.2-1  $\mu\text{g/ml}$   
Positive Control: Mouse Muscle

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.