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Ahrr antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI11098

Product Information

Application	WB
Primary Accession	Q3U1U7
Other Accession	NM_009644, NP_033774
Reactivity	Mouse, Rat
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	77760

Additional Information

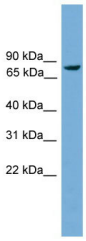
Gene ID	11624
Alias Symbol	KIAA1234, mKIAA1234
Other Names	Aryl hydrocarbon receptor repressor, AhR repressor, AhRR, Ahrr, Kiaa1234
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Ahrr 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.
Precautions	Ahrr antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Ahrr
Synonyms	Kiaa1234
Function	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.
Cellular Location	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



WB Suggested Anti-Ahrr Antibody Titration: 0.2-1 µg/ml
Positive Control: Mouse Muscle

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