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Produktinformation



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ARNT recombinant monoclonal antibody, clone R05-3B2

Catalog Number: RAB01436

Regulatory Status: For research use only (RUO)

Product Description: Rabbit recombinant monoclonal antibody raised against human ARNT.

Clone Name: R05-3B2

Immunogen: Original antibody is raised against recombinant protein corresponding to human ARNT.

Theoretical MW (kDa): Calculated MW: 87 kD

Antibody Species: Rabbit

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Affinity purification

Isotype: IgG

Recommend Usage: Immunohistochemistry
(Formalin/PFA-fixed paraffin-embedded sections)
Western Blot

The optimal working dilution should be determined by the end user.

Storage Buffer: In 50mM Tris-Glycine, pH 7.4, (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction: Store at 4°C. For longer storage, aliquot and store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 405

Gene Symbol: ARNT

Gene Alias: HIF-1beta, HIF1B, HIF1BETA, TANGO, bHLHe2

Gene Summary: The aryl hydrocarbon (Ah) receptor is involved in the induction of several enzymes that participate in xenobiotic metabolism. The ligand-free, cytosolic form of the Ah receptor is complexed to heat shock protein 90. Binding of ligand, which includes dioxin and polycyclic aromatic hydrocarbons, results in translocation of the ligand-binding subunit only to the nucleus. Induction of enzymes involved in xenobiotic metabolism occurs through binding of the ligand-bound Ah receptor to xenobiotic responsive elements in the promoters of genes for these enzymes. This gene encodes a protein that forms a complex with the ligand-bound Ah receptor, and is required for receptor function. The encoded protein has also been identified as the beta subunit of a heterodimeric transcription factor, hypoxia-inducible factor 1 (HIF1). A t(1;12)(q21;p13) translocation, which results in a TEL-ARNT fusion protein, is associated with acute myeloblastic leukemia. Three alternatively spliced variants encoding different isoforms have been described for this gene. [provided by RefSeq]