

Datasheet: AHP2437

**BATCH NUMBER 141398**

<b>Description:</b>	RABBIT ANTI ARNT2
<b>Specificity:</b>	ARNT2
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	50 µl

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Paraffin	▪			1/50 - 1/200
Western Blotting	▪			1/500 - 1/2000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

### Target Species

Human

### Species Cross Reactivity

Reacts with: Mouse, Rat

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Purified IgG - liquid

### Antiserum Preparation

Antiserum to ARNT2 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

0.02% Sodium Azide  
50% Glycerol

**Immunogen** Recombinant human ARNT2

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**External Database**

**Links**

**UniProt:**

[Q9HBZ2](#) [Related reagents](#)

**Entrez Gene:**

[9915](#) ARNT2 [Related reagents](#)

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**Synonyms**

BHLHE1, KIAA0307

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**Specificity**

**Rabbit anti ARNT2 antibody** recognizes human aryl hydrocarbon receptor nuclear translocator 2 (encoded by ARNT2), also known as class E basic helix-loop-helix protein 1 or bHLHe1. ARNT2 is a member of the bHLH PAS (basic helix-loop-helix Per-ARNT-Sim) family of transcription factors. By forming complexes with other members of the bHLH PAS family (such as single minded homologue 1), ARNT2 plays a significant role in CNS development.

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**Western Blotting**

Rabbit anti ARNT2 antibody detects both ARNT2 isoforms at approximately 77 kDa and 79 kDa in tissue lysates under reducing conditions

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**Storage**

Store at -20°C

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee**

12 months from date of despatch

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**Health And Safety Information**

Material Safety Datasheet documentation #10049 available at:  
<https://www.bio-rad-antibodies.com/SDS/AHP2437>  
10049

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

### Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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