

Arnt 2 Polyclonal Antibody
Catalog # AP68517**Specification**

Arnt 2 Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q9HBZ2
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

Arnt 2 Polyclonal Antibody - Additional Information**Gene ID** 9915**Other Names**

ARNT2; BHLHE1; KIAA0307; Aryl hydrocarbon receptor nuclear translocator 2; ARNT protein 2; Class E basic helix-loop-helix protein 1; bHLHe1

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Arnt 2 Polyclonal Antibody - Protein Information**Name** ARNT2**Synonyms** BHLHE1, KIAA0307**Function**

Transcription factor that plays a role in the development of the hypothalamo-pituitary axis, postnatal brain growth, and visual and renal function (PubMed:24022475). Specifically recognizes the xenobiotic response element (XRE).

Cellular Location

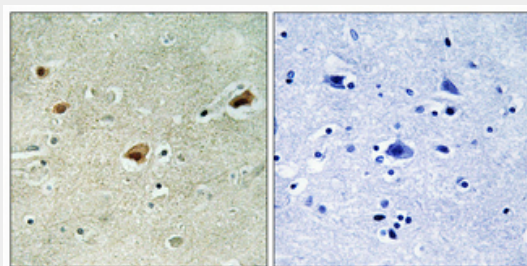
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00981, ECO:0000269|PubMed:24465693}

Arnt 2 Polyclonal Antibody - Protocols

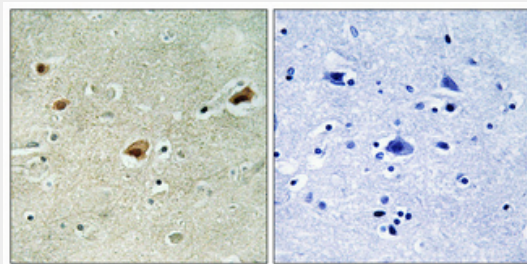
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Arnt 2 Polyclonal Antibody - Images



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4°,overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4°,overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.

Arnt 2 Polyclonal Antibody - Background

Transcription factor that plays a role in the development of the hypothalamo-pituitary axis, postnatal brain growth, and visual and renal function (PubMed:24022475). Specifically recognizes the xenobiotic response element (XRE).