

HIF1Beta/ARNT Rabbit Polyclonal Antibody



CAB14705

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

87kDa

Calculated MW:

84kDa/85kDa/86kDa

Applications:

WB

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene encodes a protein containing a basic helix-loop-helix domain and two characteristic PAS domains along with a PAC domain. The encoded protein binds to ligand-bound aryl hydrocarbon receptor and aids in the movement of this complex to the nucleus, where it promotes the expression of genes involved in xenobiotic metabolism. This protein is also a co-factor for transcriptional regulation by hypoxia-inducible factor 1. Chromosomal translocation of this locus with the ETV6 (ets variant 6) gene on chromosome 12 have been described in leukemias. Alternative splicing results in multiple transcript variants.

Immunogen information

Gene ID:

405

Uniprot

P27540

Synonyms:

ARNT; HIF-1-beta; HIF-1beta; HIF1-beta; HIF1B; HIF1BETA; TANGO; bHLHe2

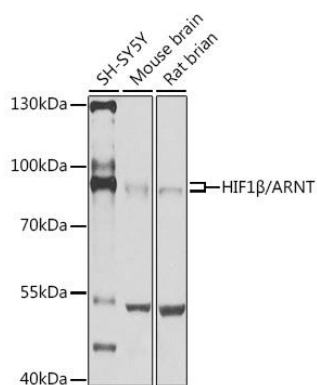
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human HIF1Beta/ARNT (NP_001659.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using HIF1beta/ARNT antibody (CAB14705) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.