A14705

Leader in Biomolecular Solutions for Life Science

www.abclonal.com

HIF1β/ARNT Rabbit pAb

Catalog No.: A14705 1 Publications

Basic Information

Observed MW
87kDa

Calculated MW
87kDa

Category
Polyclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Human,Mouse,Rat

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.

Recommended Dilutions

WB	1:1000 - 1:5000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
405

Swiss Prot
P27540

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
HIF1B; TANGO; bHLHe2; HIF1BETA; HIF-1beta; HIF1-beta; HIF-1-beta; HIF1β/ARNT

Contact

www.abclonal.com

Product Information

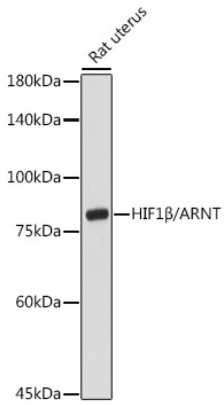
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of lysates from Rat uterus, using HIF1β/ARNT Rabbit pAb (A14705) at 1:3000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.

For research use only. Not for therapeutic or diagnostic purposes.
Please visit https://abclonal.com for a complete listing of recommended products.