

Datasheet for ABIN6745271
anti-ARNT antibody (AA 51-100)



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1 Image

Overview

Quantity:	100 µL
Target:	ARNT
Binding Specificity:	AA 51-100
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Guinea Pig, Pig, Horse, Dog, Monkey, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARNT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa51-100 of mouse Arnt (Q3ULM2, NP_033839). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Galago, Marmoset, Mouse, Elephant, Panda, Dog, Bovine, Bat, Rabbit, Horse, Pig, Guinea pig (100%), Orangutan, Opossum (92%), Rat, Turkey, Zebra finch, Chicken, Xenopus (84%), Hamster (83%). Type of Immunogen: Synthetic peptide
Specificity:	Mouse ARNT
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Dog, Bovine, Rabbit, Horse, Pig, Guinea pig (100%) Mouse (92%) Rat, Chicken (84%) Xenopus (83%).
Purification:	Immunoaffinity purified

Target Details

Target:	ARNT
Alternative Name:	ARNT / HIF-1-Beta (ARNT Products)
Background:	Name/Gene ID: ARNT Synonyms: ARNT, ARNT protein, BHLHe2, HIF-1beta, HIF1-beta, HIF1BETA, TANGO, HIF-1-beta, HIF1B
Gene ID:	405
NCBI Accession:	NP_033839
UniProt:	P27540
Pathways:	Regulation of Hormone Metabolic Process , Regulation of Hormone Biosynthetic Process , Regulation of Carbohydrate Metabolic Process , Signaling Events mediated by VEGFR1 and VEGFR2 , Warburg Effect

Application Details

Application Notes:	Approved: WB (0.2 - 1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Mouse
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)

Handling

Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images

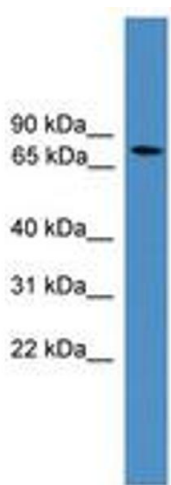


Image 1.