

Datasheet for ABIN513507
anti-ARNT antibody (AA 1-110)



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1 Image

Overview

Quantity:	200 µL
Target:	ARNT
Binding Specificity:	AA 1-110
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ARNT antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant ARNT.
Immunogen:	ARNT (AAH60838, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MAATTANPEM TSDVPSLGPA IASGNSGPGI QGGGAIVQRA IKRRPGLDFD DDGEGNSKFL RCDDDDQMSND KERFARSDDE QSSADKERLA RENHSEIERR RRNKMTAYIT
Clone:	1F12
Isotype:	IgG1 kappa
Cross-Reactivity:	Human

Target Details

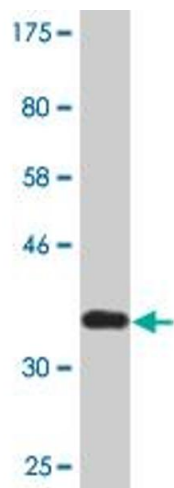
Target:	ARNT
Alternative Name:	ARNT (ARNT Products)
Background:	Full Gene Name: aryl hydrocarbon receptor nuclear translocator Synonyms: HIF-1beta,HIF1B,HIF1BETA,TANGO,bHLHe2
Gene ID:	405
Pathways:	Regulation of Hormone Metabolic Process , Regulation of Hormone Biosynthetic Process , Regulation of Carbohydrate Metabolic Process , Signaling Events mediated by VEGFR1 and VEGFR2 , Warburg Effect

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Product Quality tested by: Antibody Reactive Against Recombinant Protein.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In ascites fluid
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



Western Blotting

Image 1. Western Blot detection against Immunogen (37.73 kDa) .