

Datasheet for ABIN2716388

anti-ARNTL antibody

3 Images

1 Publication

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Overview

Quantity:	0.1 mL
Target:	ARNTL
Reactivity:	Human, Rat, Dog
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ARNTL antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Immunogen:	Full length human recombinant protein of human ARNTL (NP_001169) produced in HEK293T cell.
Clone:	3G9
Isotype:	IgG1
Purification:	Purified from mouse ascites fluids by affinity chromatography

Target Details

Target:	ARNTL
Alternative Name:	ARNTL (ARNTL Products)
Molecular Weight:	68.5 kDa
Gene ID:	406

Target Details

NCBI Accession:	NM_001178
HGNC:	406
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Protein targeting to Nucleus , Warburg Effect

Application Details

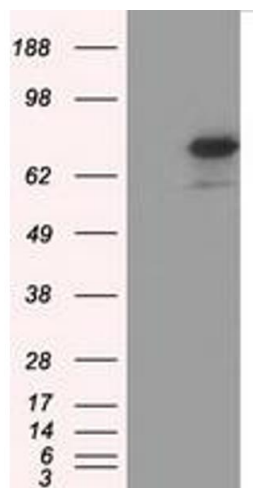
Application Notes:	WB 1:500~1000, IF 1:100, FLOW 1:100
Comment:	The concentration of the product may vary between different lots.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5-1.0 mg/mL
Buffer:	PBS (pH 7.3) containing 1 % BSA, 50 % glycerol and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

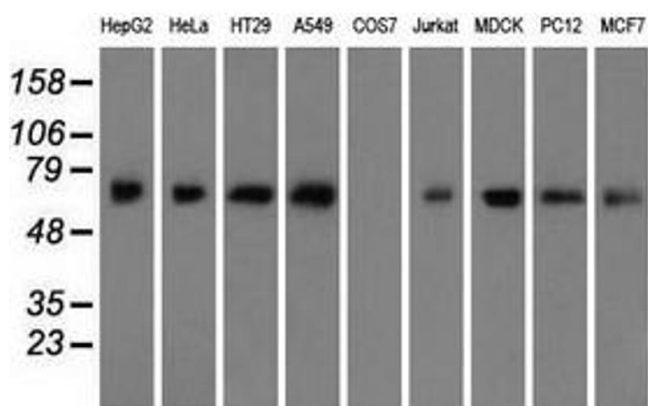
Publications

Product cited in:	Woo Seo, Yeop You, Chung, Cho, Kim, Su Oh: "Zwint-1 is required for spindle assembly checkpoint function and kinetochore-microtubule attachment during oocyte meiosis." in: Scientific reports , Vol. 5, pp. 15431, (2015) (PubMed).
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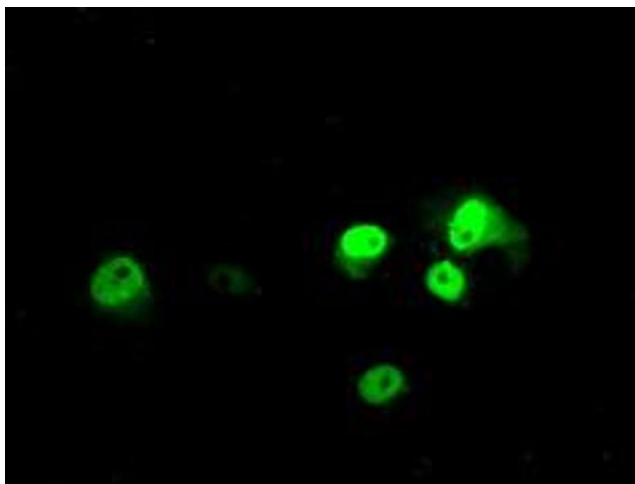
Western Blotting

Image 1. HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ARNTL (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 µg per lane) were separated by SDS-PAGE and immunoblotted with anti-ARNTL.



Western Blotting

Image 2. Western blot analysis of extracts (35 µg) from 9 different cell lines by using anti-ARNTL monoclonal antibody.



Immunofluorescence

Image 3. Anti-ARNTL mouse monoclonal antibody (ABIN2452789) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY ARNTL (RC207870).