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Datasheet for ABIN7236838 anti-DRG1 antibody

3 Images



Overview

Quantity:	200 µL
Target:	DRG1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DRG1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant protein of human DRG1
Isotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	DRG1
Alternative Name:	DRG1 (DRG1 Products)
Background:	DRG1 (developmentally regulated GTP binding protein 1), also known as NEDD3 (neural precursor cell expressed developmentally down-regulated protein 3), is a 367 amino acid protein that localizes to the cytoplasm and belongs to the GTP1/OBG family. Expressed at high levels in heart, kidney and skeletal muscle and at lower levels in brain, liver, placenta, lung, colon

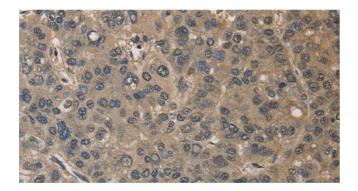
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Target Details

	and spleen, DRG1 binds to TAL1 and TAL2 and is thought to play a role in cell proliferation and
	differentiation, as well as in apoptosis, suggesting a role in tumor formation and metastasis.
	DRG1 is subject to polyubiquitination and sumoylation, the former of which induces proteolytic
	degradation. The gene encoding DRG1 maps to human chromosome 22, which houses over
	500 genes and is the second smallest human chromosome. Mutations in several of the genes
	that map to chromosome 22 are involved in the development of Phelan-McDermid syndrome,
	Neurofibromatosis type 2, autism and schizophrenia.
Molecular Weight:	41 kDa
UniProt:	Q9Y295
Application Details	
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200
Restrictions:	For Research Use only
Handling	

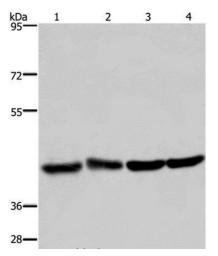
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



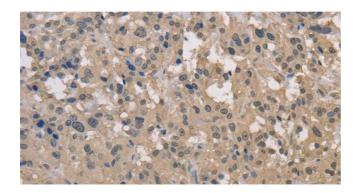
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human liver cancer using DRG1 Polyclonal Antibody at dilution of 1:30



Western Blotting

Image 2. Western Blot analysis of Human fetal liver and brain tissue, 293T and Hela cell using DRG1 Polyclonal Antibody at dilution of 1:350



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human thyroid cancer using DRG1 Polyclonal Antibody at dilution of 1:30

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