

Anti-DRG1 antibody

Cat. No.	ml222256
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-DRG1 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human DRG1
Reactivity	Human, Mouse
Content	0.6 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	DRG1
Full name	developmentally regulated GTP binding protein 1

Synonyms NEDD3

Swissprot Q9Y295

Target 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 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.

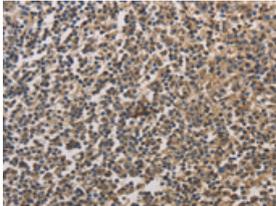
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human tonsil

Recommended dilution: 50-200

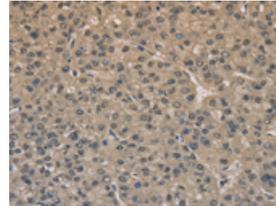


The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml222256(DRG1 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml222256(DRG1 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 41 kDa

Positive control: Human fetal brain tissue

Recommended dilution: 500-2000

订购热线: 4008-898-798

Gel: 6%SDS-PAGE

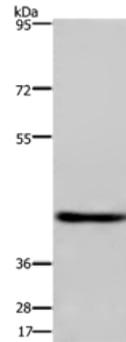
Lysate: 40 μ g

Lane: Human fetal brain tissue

Primary antibody: ml222256(DRG1 Antibody) at dilution 1/500

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 40 seconds



ELISA

Recommended dilution: 2000-5000

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