



Rabbit Anti-Human RTN4 Polyclonal antibody (DPABH-22179)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	RTN4/NOGO fusion protein, sequence: MEDLDQSPLVSSSDSPPRPQPAFKYQFVREPEDEEEEEEEDEDEDLEELEVLERKPA AGLSAAPVPTAPAAGAPLMDFGNDFVPPAPRGPLPAAPPVAPERQPSWDPSPVSSTVPAP SPLSAAAVSPSKLPEDDEPPARPPPPPASVSPQAEPVWTPPAPAPAAPPSTPAAPKRRG SSGSVVVDLLYWRDIKKTGVFGASLFLLSLTVFSIVSVTAYIALALLSVTISFRIYKG VIQAIQKSDEGHPFRAYLESEVAISEELVQKYSNSALGHVNCTIKELRRFLVDDLVDL KFAVLMWVFTYVGALFNGLTLILALISLFSVPVIYERHQAQIDHGLANKNVKDAMAK IQAKIPGLKRKAE (C-term-373aa encoded by BC012619)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB, IHC, IF, ELISA
Positive Control	A375 cells, A549 cells, HepG2 cells, SH-SY5Y cells
Format	Liquid
Size	50 µl, 100 µl
Buffer	PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Preservative	0.1% Sodium Azide

Storage

Store at -20°C. Aliquoting is unnecessary for -20°C storage.

BACKGROUND

Introduction

This gene belongs to the family of reticulon encoding genes. Reticulons are associated with the endoplasmic reticulum, and are involved in neuroendocrine secretion or in membrane trafficking in neuroendocrine cells. The product of this gene is a potent neurite outgrowth inhibitor which may also help block the regeneration of the central nervous system in higher vertebrates. Alternatively spliced transcript variants derived both from differential splicing and differential promoter usage and encoding different isoforms have been identified.

Keywords

RTN4; reticulon 4; ASY; NSP; NOGO; NOGOC; RTN-X; NOGO-A; NSP-CL; Nogo-B; Nogo-C; RTN4-A; RTN4-C; RTN4-B1; RTN4-B2; NI220/250; Nbla00271; Nbla10545; reticulon-4; foocen; Human NogoA; reticulon 5; My043 protein; neurite outgrowth inhibitor; neurite growth inhibitor 220; neuroendocrine-specific protein C homolog;

GENE INFORMATION

Entrez Gene ID

[57142](#)

UniProt ID

[Q9NQC3](#)
