Datasheet for ABIN1679988

anti-GFRA2 antibody (AA 360-464)

1 Image

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Overview

Quantity:	100 µg
Target:	GFRA2
Binding Specificity:	AA 360-464
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GFRA2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 360-464 of human GFRA2 (NP_001486.4).
Sequence:	DVNVSPKGPS FQATQAPRVE KTPSLPDDLS DSTSLGTSVI TTCTSVQEQG LKANNSKELS MCFTELTTNI IPGSNKVIKP NSGPSRARPS AALTVLSVLM LKLAL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

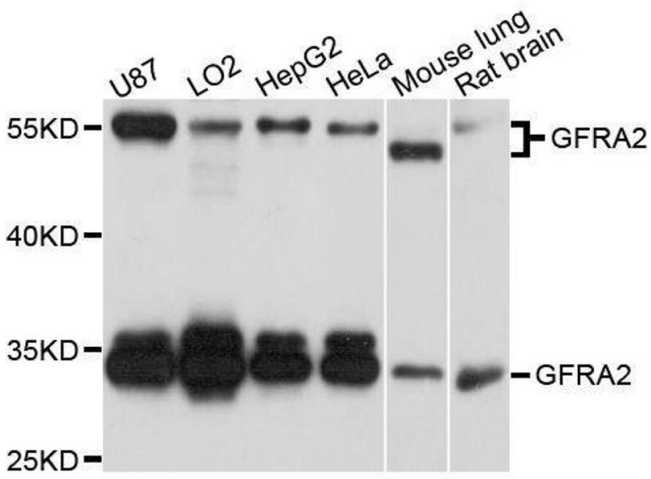
Target:	GFRA2
Alternative Name:	GFRA2 (GFRA2 Products)
Background:	Glial cell line-derived neurotrophic factor (GDNF) and neurturin (NTN) are two structurally related, potent neurotrophic factors that play key roles in the control of neuron survival and differentiation. The protein encoded by this gene is a member of the GDNF receptor family. It is a glycosylphosphatidylinositol(GPI)-linked cell surface receptor for both GDNF and NTN, and mediates activation of the RET tyrosine kinase receptor. This encoded protein acts preferentially as a receptor for NTN compared to its other family member, GDNF family receptor alpha 1. This gene is a candidate gene for RET-associated diseases. Multiple transcript variants encoding different isoforms have been found for this gene.,GFRA2,GDNFRB,NRTNR-ALPHA,NTNRA,RETL2,TRNR2,Neuroscience,GFRA2
Molecular Weight:	36 kDa/39 kDa/51 kDa
Gene ID:	2675
UniProt:	O00451

Application Details

Application Notes:	WB,1:200 - 1:2000
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using GFRA2 antibody.