

Anti-GAB2 antibody

Cat. No.	ml222393
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-GAB2 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human GAB2
Reactivity	Human, Mouse, Rat
Content	0.2 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	GAB2
Full name	GRB2-associated binding protein 2

Synonyms

Swissprot Q9UQC2

Target Background

This gene is a member of the GRB2-associated binding protein (GAB) gene family. These proteins contain pleckstrin homology (PH) domain, and bind SHP2 tyrosine phosphatase and GRB2 adapter protein. They act as adapters for transmitting various signals in response to stimuli through cytokine and growth factor receptors, and T- and B-cell antigen receptors. The protein encoded by this gene is the principal activator of phosphatidylinositol-3 kinase in response to activation of the high affinity IgE receptor. Two alternatively spliced transcripts encoding different isoforms have been described for this gene.

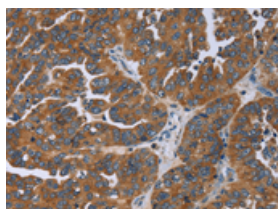
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human ovarian cancer

Recommended dilution: 50-200

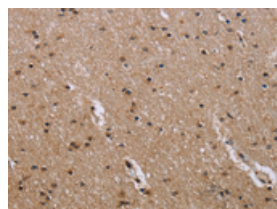


The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ml222393(GAB2 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human brain

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml222393(GAB2 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 74 kDa

Positive control: Hela and K562 cells

Recommended dilution: 500-2000

Gel: 6%SDS-PAGE

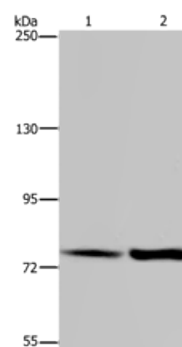
Lysate: 40 µg

Lane 1-2: Hela cells, K562 cells

Primary antibody: ml222393(GAB2 Antibody) at dilution 1/300

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

Exposure time: 3 minutes



ELISA

Recommended dilution: 2000-5000

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