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Anti-GAB2 (Phospho-Y643) Antibody

Catalog # AP61269

Product Information

Application	WB, IHC
Primary Accession	Q9UQC2
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	74458

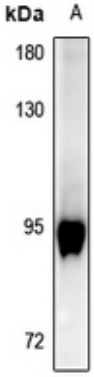
Additional Information

Gene ID	9846
Other Names	KIAA0571; GRB2-associated-binding protein 2; GRB2-associated binder 2; Growth factor receptor bound protein 2-associated protein 2; pp100
Target/Specificity	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding Y643 of human GAB2 protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/50 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/50 - 1/200)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

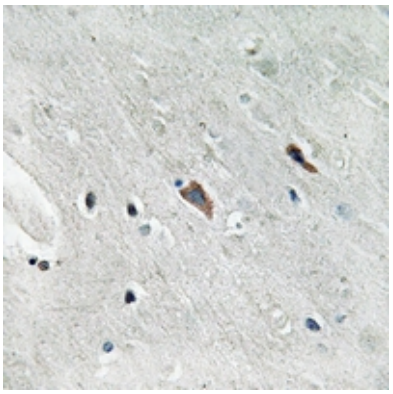
Protein Information

Name	GAB2
Synonyms	KIAA0571
Function	Adapter protein which acts downstream of several membrane receptors including cytokine, antigen, hormone, cell matrix and growth factor receptors to regulate multiple signaling pathways. Regulates osteoclast differentiation mediating the TNFRSF11A/RANK signaling. In allergic response, it plays a role in mast cells activation and degranulation through PI-3-kinase regulation. Also involved in the regulation of cell proliferation and hematopoiesis.
Cellular Location	Cytoplasm. Cell membrane. Membrane raft {ECO:0000250|UniProtKB:Q9Z1S8}

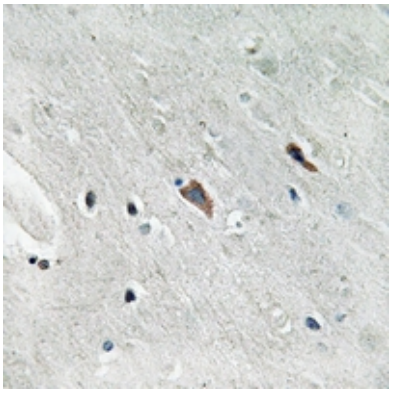
Images



Western blot analysis of GAB2 (Phospho-Y643) expression in K562 (A) whole cell lysates. (Predicted band size: 74 kD; Observed band size: 90 kD)



Immunohistochemical analysis of GAB2 (Phospho-Y643) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunohistochemical analysis of GAB2 (pY643) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.