

# Gab2 (Phospho-Tyr452) Conjugated Antibody

Catalog No: #C12139



Package Size: #C12139-AF350 100ul #C12139-AF405 100ul #C12139-AF488 100ul  
 #C12139-AF555 100ul #C12139-AF594 100ul #C12139-AF647 100ul  
 #C12139-AF680 100ul #C12139-AF750 100ul #C12139-Biotin 100ul

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## Description

Product Name	Gab2 (Phospho-Tyr452) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of Gab2 only when phosphorylated at Tyr452.
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 452 (D-N-Y(p)-V-P) derived from Human Gab2.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	GRB2-associated-binding protein 2 GRB2-associated binder 2 Growth factor receptor bound protein 2-associated protein 2 pp100 GAB2 KIAA0571
Accession No.	Swiss-Prot#:Q9UQC2NCBI Gene ID:9846
Uniprot	Q9UQC2
GeneID	9846;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	75
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

### Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250  
 AF405 conjugated: most applications: 1: 50 - 1: 250  
 AF488 conjugated: most applications: 1: 50 - 1: 250  
 AF555 conjugated: most applications: 1: 50 - 1: 250  
 AF594 conjugated: most applications: 1: 50 - 1: 250  
 AF647 conjugated: most applications: 1: 50 - 1: 250  
 AF680 conjugated: most applications: 1: 50 - 1: 250  
 AF750 conjugated: most applications: 1: 50 - 1: 250

## Product Description

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Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

## Background

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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.

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Note: This product is for in vitro research use only