

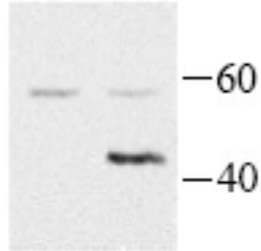
GNA15

Rabbit Anti-Human Guanine Nucleotide Binding Protein alpha 16 pAb

Catalog No.	CPG200	Quantity:	200 µg
Alternate Names:	G alpha-16, GNA16, Guanine nucleotide binding protein alpha 15, G alpha-15, GNA15		
Description:	<p>G proteins are membrane-associated, heterotrimeric proteins composed of three subunits: alpha, beta, and gamma, which together with their receptors (GPCRs) form one of the most prevalent signalling systems in mammalian cells. The G protein alpha subunit, acts as a weak GTPase. GNA16 is the only hetero-trimeric G protein with a restricted expression pattern in hematopoietic cells. Differentiation of promyelocytic cells leads to decreased expression of GNA16. GNA16 serves as a marker, in addition to CD34, for hematopoietic progenitor cells.</p> <p>Note: GNA15 and GNA16 designate the same protein.</p>		
Immunogen:	<i>E. coli</i> -expressed recombinant human GNA16(aa 237-373)		
UniProt ID:	P30679		
UniProt Name:	Guanine nucleotide-binding protein subunit alpha-15		
Gene ID:	2769		
Host:	Rabbit		
Isotype:	IgG		
Specificity:	Human GNA16		
Cross-Reactivity:	Reacts with both human GNA16 and mouse GNA15, but not other G alpha proteins.		
Formulation:	Lyophilized with 0.1% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Protein A affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. Add 200 µl PBS to fully solubilize the antibody to a concentration of 1 mg/ml.		
Application Notes:	Western Blot: suggested starting dilution 1:5,000 Immunoprecipitation The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at 2-8°C for short term or in working aliquots at -20°C to -80°C for long term storage. Avoid repeated freeze-thaw cycles.		



GNA16 detected by Western blot in transfected HEK293 cells (right lane)



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