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anti-GNAQ antibody (N-Term)

2 Images



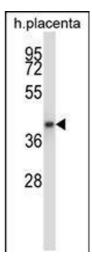
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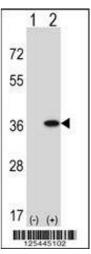
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Overview			
Quantity:	400 μL		
Target:	GNAQ		
Binding Specificity:	AA 52-78, N-Term		
Reactivity:	Human		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This GNAQ antibody is un-conjugated		
Application:	Western Blotting (WB)		
Product Details			
Immunogen:	This GNAQ antibody is generated from rabbits immunized with a KLH conjugated synthetic		
	peptide between 52-78 amino acids from the N-terminal region of human GNAQ.		
Isotype:	lg Fraction		
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.		
Target Details			
Target:	GNAQ		
Alternative Name:	GNAQ (GNAQ Products)		
Background:	This locus encodes a guanine nucleotide-binding protein. The encoded protein, an alpha subunit		
	in the Gq class, couples a seven-transmembrane domain receptor to activation of phospolipase		
	C-beta. Mutations at this locus have been associated with problems in platelet activation and		

Target Details

rarget Details		
	aggregation. A related pseudogene exists on chromosome 2.	
Molecular Weight:	42 kDa	
Gene ID:	2776	
UniProt:	P50148	
Pathways:	JAK-STAT Signaling, Thyroid Hormone Synthesis, Myometrial Relaxation and Contraction	
Application Details		
Application Notes:	For WB starting dilution is: 1:1000	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.5 mg/mL	
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.	
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:	4 °C,-20 °C	
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.	





Western Blotting

Image 1. Western blot analysis in human placenta tissue lysates (35ug/lane).

Western Blotting

Image 2. Western blot analysis of GNAQ using rabbit polyclonal GNAQ Antibody using 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the GNAQ gene.