

## GNAS Antibody (Ascites)

Catalog_no :	AB0612
Applications :	WB
Reactivity :	M
Category :	抗原抗体
Size :	100 $\mu$ L/50 $\mu$ L
Immunogen :	HUMAN:287-315
Specificity :	This GNAS antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 287-315 amino acids from human GNAS.
Source :	Rabbit
Dilution :	WB,1:300;
Purification :	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.
Other_name :	GNAS complex locus;GNAS;
Isotype :	IgM
Background :	<p>Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. The Gs protein is involved in hormonal regulation of adenylate cyclase: it activates the cyclase in response to beta-adrenergic stimuli. Alternative splicing of downstream exons of the GNAS gene is observed, which results in different forms of the stimulatory G protein alpha subunit, a key element of the classical signal transduction pathway linking receptor-ligand interactions with the activation of adenylyl cyclase and a variety of cellular reponses. Multiple transcript variants have been found for this gene, but the full-length nature and/or biological validity of some variants have not been determined. Mutations in this gene result in pseudohypoparathyroidism type 1a, pseudohypoparathyroidism type 1b, Albright hereditary osteodystrophy, pseudopseudohypoparathyroidism, McCune-Albright syndrome, progressive osseus heteroplasia, polyostotic fibrous dysplasia of bone, and some pituitary tumors.</p>