

## 小鼠抗 GNAS 单克隆抗体

中文名称： 小鼠抗 GNAS 单克隆抗体

英文名称： Anti-GNAS mouse monoclonal antibody

别名： GNAS complex locus; AHO; GSA; GSP; POH; GPSA; NESP; SCG6; SgVI; GNAS1; PITA3; C20orf45

相关类别： 一抗

储存： 冷冻 (-20℃)

宿主： Mouse

抗原： GNAS

反应种属： Human

标记物： Unconjugate

克隆类型： mouse monoclonal

### 技术规格

**Background:**

This locus has a highly complex imprinted expression pattern. It gives rise to maternally, paternally, and biallelically expressed transcripts that are derived from four alternative promoters and 5' exons. Some transcripts contain a differentially methylated region (DMR) at their 5' exons, and this DMR is commonly found in imprinted genes and correlates with transcript expression. An antisense transcript is produced from an overlapping locus on the opposite strand. One of the transcripts produced from this locus, and the antisense transcript, are paternally expressed noncoding R

	<p>NAs, and may regulate imprinting in this region. In addition, one of the transcripts contains a second overlapping ORF, which encodes a structurally unrelated protein - Alex . Alternative splicing of downstream exons is also 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 responses. Multiple transcript variants encoding different isoforms have been found for this gene. Mutations in this gene result in pseudohypoparathyroidism type 1a, pseudohypoparathyroidism type 1b, Albright hereditary osteodystrophy, pseudopseudohypoparathyroidism, McCune-Albright syndrome, progressive osseous heteroplasia, polyostotic fibrous dysplasia of bone, and some pituitary tumors.</p>
<b>Applications:</b>	WB, IHC
<b>Name of antibody:</b>	GNAS
<b>Immunogen:</b>	Fusion protein of human GNAS
<b>Full name:</b>	GNAS complex locus
<b>Synonyms:</b>	AHO; GSA; GSP; POH; GPSA; NESP; SCG6; SgVI; GNAS1; PITA3; C20orf45
<b>SwissProt:</b>	O95467
<b>IHC positive control:</b>	Human endometrial cancer and Human pancreas tissue; Human lymph node tissue and Human thyroid cancer
<b>IHC Recommend dilution:</b>	500-2000
<b>WB Predicted band size:</b>	28 KD
<b>WB Positive control:</b>	Jurkat, MCF7, HeLa and K562 cell lysates
<b>WB Recommended dilution:</b>	500-2000