

Nur für Forschungszwecke

# GNAI3 Monoklonaler Antikörper

Katalog-Nr.: 68156-1-Ig



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 68156-1-Ig	<b>GenBank-Zugangsnummer:</b> BC025285	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 150ul, Konzentration: 1000 µg/ml von 2773 Nanodrop;	<b>GeneID (NCBI):</b> 2773	<b>CloneNo.:</b> 1A9B6
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> guanine nucleotide binding protein (GWB 1:5000-1:50000 protein), alpha inhibiting activity polypeptide 3	<b>Empfohlene Verdünnungen:</b>
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 40 kDa	
<b>Immunogen Katalognummer:</b> AG32662	<b>Beobachtete Masse:</b> ~40 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> WB, ELISA	<b>Positivkontrollen:</b> WB: A549-Zellen, 4T1-Zellen, HeLa-Zellen, HepG2-Zellen, Jurkat-Zellen, K-562-Zellen, LNCaP-Zellen, NIH/3T3-Zellen
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	

## Hintergrundinformationen

GNAI3 is a member of the Gi group proteins, which belong to the Ga protein family. GNAI3 is involved in several critical biological processes and regulates many cellular activities, including proliferation, differentiation, apoptosis, and migration. For example, GNAI3 can regulate a class of K<sup>+</sup> channels in response to hormone and neurotransmitter signals. In addition to its function as a downstream signal pathway switch for receptors on the plasma membrane, GNAI3 has also been shown to localize to the centrosome and affect cytokinesis. These indicate that GNAI3 has important receptor-independent functions. The molecular weight of GNAI3 is 40 kDa. (PMID: 25444921, 34803495)

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

\*\*\* 20ul-Größen enthalten 0.1% BSA

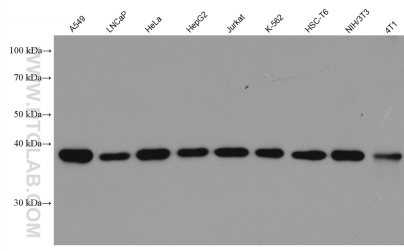
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## Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 68156-1-Ig (GNAI3 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.