

Datasheet for ABIN5539830
anti-GNA12 antibody (Internal Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	GNA12
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GNA12 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	GNA12
Sequence:	KKHFPDFRGD PHR
Isotype:	IgG
Specificity:	This antibody is expected to recognize all reported isoforms (NP_031379.2, NP_001269369.1, NP_001269370.1, NP_001280021.1).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	GNA12
Alternative Name:	GNA12 (GNA12 Products)
Background:	GNA12, guanine nucleotide binding protein (G protein) alpha 12, NNX3, RMP, gep, G-protein subunit alpha-12, WUGSC:H_GS165014.2, g alpha-12, guanine nucleotide-binding protein subunit alpha-12
Gene ID:	2768, 14673, 81663
NCBI Accession:	NP_031379 , NP_001269369 , NP_001269370 , NP_001280021

Application Details

Application Notes:	Western Blot: Approx 37 kDa band observed in Human Placenta lysates and approx 42 kDa in Mouse Heart lysates (calculated MW of 37.6 kDa according to Human NP_001269370.1 and 44.1 kDa according to Mouse NP_034432.1). Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN5539830 (1µg/ml) staining of Human Placenta lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.