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Datasheet for ABIN6141240
anti-GNG7 antibody (AA 1-68)

1 Image

Overview

Quantity:	100 µL
Target:	GNG7
Binding Specificity:	AA 1-68
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNG7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-68 of human GNG7 (NP_443079.1).
Sequence:	MSATNNIAQA RKLVEQLRIE AGIERIKVSK AASDLMSYCE QHARNDPLL V GVPASENPFK DKKPCIL
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

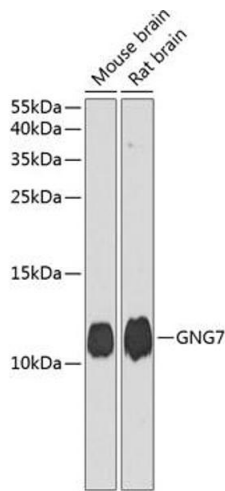
Target:	GNG7
Alternative Name:	GNG7 (GNG7 Products)
Background:	Guanine nucleotide-binding proteins (G proteins are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction. Plays a role in the regulation of adenylyl cyclase signaling in certain regions of the brain. Plays a role in the formation or stabilization of a G protein heterotrimer (G α subunit alpha-beta-gamma-7 that is required for adenylyl cyclase activity in the striatum (By similarity.,GNG7,Epigenetics & Nuclear Signaling,Translation Control,Regulation of eIF4 and p70 S6 Kinase,Cancer,Signal Transduction,G protein signaling,Signal Transduction,mTOR Signaling Pathway,Phospholipase Signaling Pathway,Endocrine & Metabolism,Neuroscience,Neurodegenerative Diseases,Dopamine Signaling in Parkinson's Disease,GNG7
Molecular Weight:	7 kDa
Gene ID:	2788
UniProt:	O60262

Application Details

Application Notes:	WB,1:500 - 1:1000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using GNG7 antibody (ABIN6129021, ABIN6141240, ABIN6141241 and ABIN6214106) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.