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Datasheet for ABIN6140961
anti-GAR1 antibody (AA 60-170)

1 Image

Overview

Quantity:	100 µL
Target:	GAR1
Binding Specificity:	AA 60-170
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GAR1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 60-170 of human GAR1 (NP_061856.1).
Sequence:	KGQDQGPPER VLLGFLHP CEDDIVCKCT TDENKVPYFN APVYLENKEQ IGKVDEIFGQ LRDFYFSVKL SENMKASSFK KLQKFYIDPY KLLPLQRFLP RPPGEKGPPR G
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

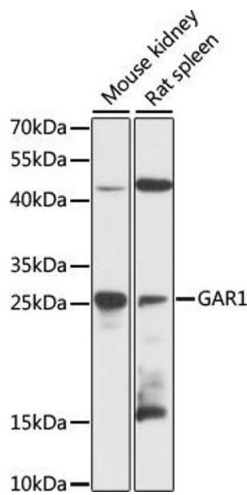
Target:	GAR1
Alternative Name:	GAR1 (GAR1 Products)
Background:	<p>This gene is a member of the H/ACA snoRNPs (small nucleolar ribonucleoproteins) gene family. snoRNPs are involved in various aspects of rRNA processing and modification and have been classified into two families: C/D and H/ACA. The H/ACA snoRNPs also include the DKC1, NOLA2 and NOLA3 proteins. These four H/ACA snoRNP proteins localize to the dense fibrillar components of nucleoli and to coiled (Cajal) bodies in the nucleus. Both 18S rRNA production and rRNA pseudouridylation are impaired if any one of the four proteins is depleted. These four H/ACA snoRNP proteins are also components of the telomerase complex. The encoded protein of this gene contains two glycine- and arginine-rich domains and is related to <i>Saccharomyces cerevisiae</i> Gar1p. Two splice variants have been found for this gene.,GAR1,NOLA1,Epigenetics & Nuclear Signaling,RNA Binding,GAR1</p>
Molecular Weight:	20 kDa/22 kDa
Gene ID:	54433
UniProt:	Q9NY12

Application Details

Application Notes:	WB,1:500 - 1:2000
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 G antibody (ABIN6132417, ABIN6140961, ABIN6140962 and ABIN6216489) at 1:3000 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 Basic Kit (RM00020). Exposure time: 90s.