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Datasheet for ABIN5539528 anti-GEM antibody (AA 34-46)

2 Images



Overview

Quantity:	100 µg
Target:	GEM
Binding Specificity:	AA 34-46
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GEM antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

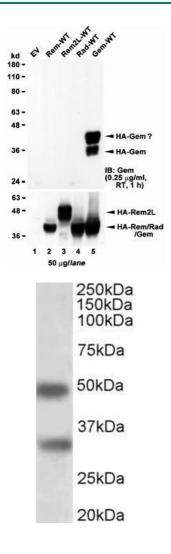
Product Details

Purpose:	GEM (aa34-46)
Sequence:	QKEPHQYSHR NRH
lsotype:	lgG
Specificity:	Reported variants represent identical protein: NP_005252.1, NP_859053.1
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

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Target Details		
Target:	GEM	
Alternative Name:	GEM (GEM Products)	
Background:	GEM, GTP binding protein overexpressed in skeletal muscle, KIR, MGC26294, GTP-binding mitogen-induced T-cell protein, GTP-binding protein GEM, GTP-binding protein overexpressed in skeletal muscle, OTTHUMP00000226600, OTTHUMP00000226601, RAS-like protein K	
Gene ID:	2669	
NCBI Accession:	NP_005252	
Application Details		
Application Notes:	Western Blot: In transfected HEK293 transiently expressing Human recombinant GEM bands of approx. 35+45 kDa are observed. These bands are not observed in the transfected HEK293 with empty vector and the antibody does not cross-react to related protein s Peptide ELISA: antibody detection limit dilution 1:16000.	
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.	

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Western Blotting

Image 1. HEK293 lysate overexpressing full-length Human GEM (HA tagged), mock-transfected HEK293 (EV) and HEK293 transiently expressing GEM-related genes (Rem, Rem2L and Rad) probed with ABIN5539528 (1ug/ml). The same lysates probed with anti-HA tag antibody in the lower panel.

Western Blotting

Image 2. ABIN5539528 (1µg/ml) staining of Human Spleen Iysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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