

Datasheet for ABIN2789100
anti-MTG1 antibody (Middle Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	MTG1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Horse, Cow, Pig, Rabbit, Guinea Pig, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTG1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	MVIGVPNVGK SSLINSLRRQ HLRKGGKATRV GGEPGITRAV MSKIQVSERP
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 79%, Horse: 100%, Human: 100%, Mouse: 86%, Pig: 100%, Rabbit: 100%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against MTG1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	MTG1
Alternative Name:	MTG1 (MTG1 Products)
Background:	MTG1 is a mitochondrial GTPase. MTG1 may be involved in assembly of the large ribosomal

Target Details

	subunit. Alias Symbols: GTP, GTPBP7, RP11-108K14.2 Protein Interaction Partner: DOCK8, APP, PRNP, ICT1, STRN4, Protein Size: 267
Molecular Weight:	29 kDa
Gene ID:	92170
NCBI Accession:	NM_138384 , NP_612393

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 267 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-MTG1 Antibody Titration: 1.0 ug/ml Positive Control: HepG2 Whole Cell MTG1 is supported by BioGPS gene expression data to be expressed in HepG2