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## Datasheet for ABIN184732 anti-MORF4L2 antibody (N-Term)

2 Images



#### Overview

Quantity:	100 µg
Target:	MORF4L2
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MORF4L2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Purpose:	MRGX
Immunogen:	Peptide with sequence SSRKQGSQPRGQQS-C, from the N Terminus of the protein sequence according to NP_036418.1.
Sequence:	SSRKQGSQPR GQQS
lsotype:	lgG
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:	MORF4L2
Alternative Name:	MORF4L2 (MORF4L2 Products)
Background:	MORF4L2, MRGX, MORF-related gene X, KIAA0026, KIAA0026 gene product, mortality factor 4 like 2, RP5-1055C14.2, MORFL2, MSL3-2 protein, OTTHUMP00000023756
Gene ID:	9643, 56397
NCBI Accession:	NP_036418
Pathways:	Regulation of Muscle Cell Differentiation

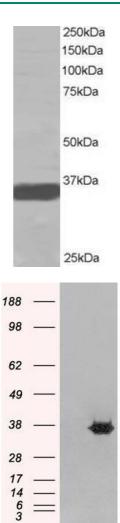
## Application Details

Application Notes:	Western Blot: Approx 35 kDa band observed in lysates of cell line A431 (calculated MW of
	32.3 kDa according to NP_036418.1). In transfected HEK293 transiently expressing MORF4L2 a
	band of approx. 37 kDa is observed. This band is not observed in the non-tran
	Peptide ELISA: antibody detection limit dilution 1:32000.
Comment:	<b>Additional validation:</b> This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.

## 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.** ABIN184732 staining (0.2µg/ml) of A431 lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

#### Western Blotting

**Image 2.** HEK293 overexpressing MORF4L2 (RC210566) and probed with ABIN184732 (mock transfection in first lane), tested by Origene.

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