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# anti-EMG1 antibody (N-Term)

3 Images



Publication



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Overview	
Quantity:	100 μL
Target:	EMG1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Rabbit, Cow, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EMG1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human EMG1
Sequence:	SLETVKVGKT YELLNCDKHK SILLKNGRDP GEARPDITHQ SLLMLMDSPL
Predicted Reactivity:	Cow: 92%, Dog: 92%, Guinea Pig: 92%, Horse: 92%, Human: 100%, Mouse: 93%, Rabbit: 92%, Rat: 93%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against EMG1. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified
Target Details	
Target:	EMG1

### **Target Details**

Alternative Name:	EMG1 (EMG1 Products)
Background:	EMG1 involved in 40S ribosomal subunit biogenesis. It seems to play a role a methylation
	reaction in pre-rRNA processing.
	Alias Symbols: C2F, NEP1, Grcc2f
	Protein Interaction Partner: FAM74A4, UBC, RPA3, RPA2, RPA1, EED, rev, HECW2, IL7R, FN1,
	BYSL, APP, NEDD8, SLC25A38, NAT6, PSMB7, KHDRBS1, PSME1, HIVEP1, CTSE, ANXA3,
	Protein Size: 244
Molecular Weight:	27 kDa
Gene ID:	10436
NCBI Accession:	NM_006331, NP_006322

# **Application Details**

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 244 AA
Restrictions:	For Research Use only

# Handling

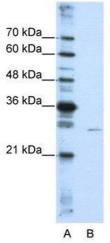
9	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained 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.

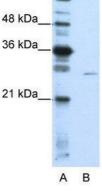
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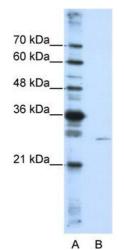
Sweetman, Münsterberg: "The vertebrate spalt genes in development and disease." in:

Developmental biology, Vol. 293, Issue 2, pp. 285-93, (2006) (PubMed).

### **Images**







# Rabbit Anti-EMG1 Antil

Catalog Number: ARP40636 Catalog Number: ARF40b3b Lot Number: OC10242 Paraffin Embeded Tissue: Human Kidney Cells with Positive label: Epithelial cells of renal tubule (Indicated with Arrows) Antibody Concentration: 4.0-8.0 μg/ml Magnification: 400X

### **Western Blotting**

Image 1. WB Suggested Anti-EMG1

Antibody Titration: 0.2-1 µg/mL

Positive Control: HepG2 cell lysate

EMG1 is supported by BioGPS gene expression data to be expressed in HepG2

### **Western Blotting**

Image 2. WB Suggested Anti-EMG1 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate EMG1 is supported by BioGPS gene expression data to be expressed in HepG2

### **Immunohistochemistry**

Image 3. Rabbit Anti-EMG1 Antibody Paraffin Embedded Tissue: Human Kidney Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X