

Datasheet for ABIN2783007

anti-EMX1 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	EMX1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Zebrafish (Danio rerio), Guinea Pig, Rabbit, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EMX1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human EMX1
Sequence:	DGLLHGPFA RPKKRIRTAF SPSQLRLER AFEKNHYVVG AERKQLAGSL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against EMX1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	EMX1
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Target Details

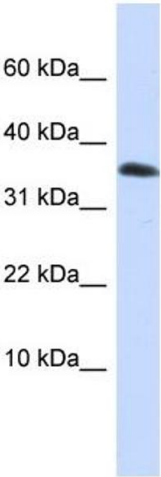
Alternative Name:	EMX1 (EMX1 Products)
Background:	EMX1 belongs to the EMX homeobox family. It is a transcription factor, which in cooperation with EMX2, acts to generate the boundary between the roof and archipallium in the developing brain. The protein may function in combinations with OTX1/2 to specify cell fates in the developing central nervous system. Alias Symbols: - Protein Interaction Partner: ALX4, PRDM4, GTF2A1L, TP63, POLR2D, HOXA10, ELK1, Protein Size: 290
Molecular Weight:	31 kDa
Gene ID:	2016
NCBI Accession:	NM_004097 , NP_004088
UniProt:	Q04741

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 290 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-EMX1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate