

Rabbit EMX2 Polyclonal Antibody | anti-EMX2 antibody

EMX2 Antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197201	Rabbit	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

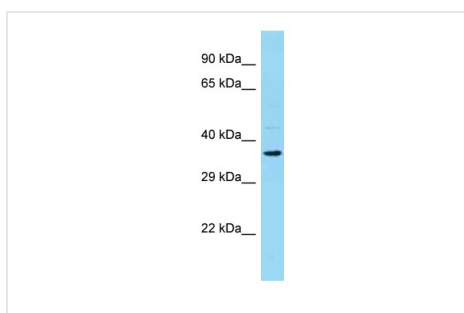
PRODUCT SYNONYMS

EMX2; Polyclonal Antibody; EMX2 Antibody - N-terminal region; anti-EMX2 antibody

PRODUCT SPECIFICATIONS

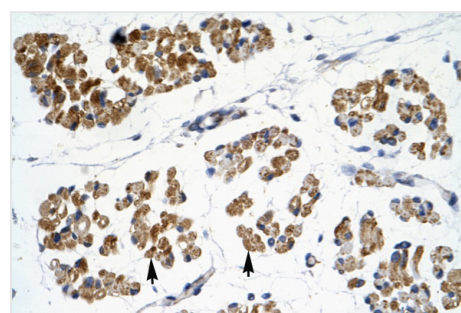
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: ES LVAKDSPLPA SRSEDPIRPA ALSYANSSPI NPFLNGFHSA AAAAAGRG
Sequence Length	252
Applicable Applications for anti-EMX2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human EMX2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



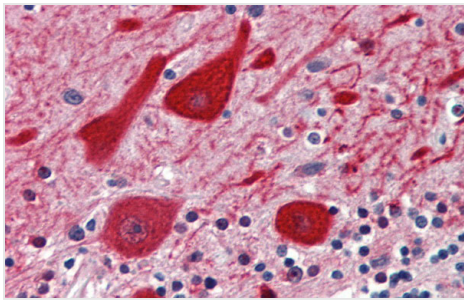
WB (Western Blot)

WB Suggested Anti-EMX2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: HepG2 cell lysate



IHC (Immunohistochemistry)

Rabbit Anti-EMX2 Antibody
Paraffin Embedded Tissue: Human Muscle
Cellular Data: Skeletal muscle cells
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X



IHC (Immunohistochemistry)
 Rabbit Anti-EMX2 Antibody
 Paraffin Embedded Tissue: Human Brain, cerebellum
 Antibody Concentration: 5 ug/ml
 Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-EMX2 antibody	This is a rabbit polyclonal antibody against EMX2. It was validated on Western Blot Target Description: The homeodomain transcription factor EMX2 is critical for central nervous system and urogenital development. EMX1 along with EMX2 is related to the 'empty spiracles' gene expressed in the developing Drosophila head.
Product Categories/Family for anti-EMX2 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Cell Biology; Developmental Biology; Neuroscience; E3 & Ubiquitin; Membrane & Traffic; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	14149611
NCBI GeneID	2018
NCBI Accession #	NP_004089
NCBI GenBank Nucleotide #	NM_004098
UniProt Accession #	Q04743
Molecular Weight	28kDa
NCBI Official Full Name	homeobox protein EMX2 isoform 1
NCBI Official Synonym Full Names	empty spiracles homeobox 2
NCBI Official Symbol	EMX2
NCBI Protein Information	homeobox protein EMX2
UniProt Protein Name	Homeobox protein EMX2
UniProt Gene Name	EMX2
UniProt Entry Name	EMX2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.