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EMX1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8966b

Specification

EMX1 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q04741
Other Accession	Q04742
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**228-257**

EMX1 Antibody (C-term) - Additional Information

Gene ID 2016

Other Names
Homeobox protein EMX1, Empty spiracles homolog 1, Empty spiracles-like protein 1, EMX1

Target/Specificity
This EMX1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 228-257 amino acids from the C-terminal region of human EMX1.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
EMX1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

EMX1 Antibody (C-term) - Protein Information

Name EMX1 (HGNC:3340)

Function Transcription factor, which in cooperation with EMX2, acts to generate the boundary between the roof and archipallium in the developing brain. May function in combinations with OTX1/2 to specify cell fates in the developing central nervous system.

Cellular Location
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108, ECO:0000269|PubMed:20887964}.
Cytoplasm Note=Might be shuttling between the nucleus and the cytoplasm

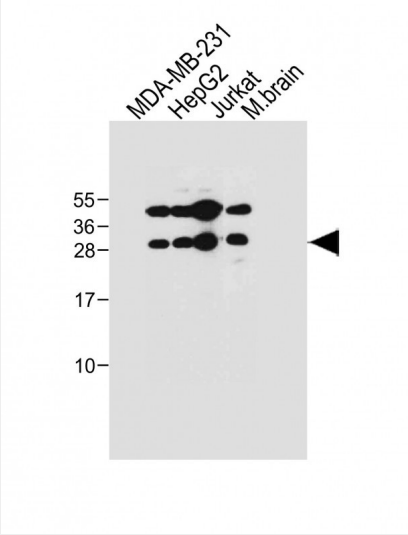
Tissue Location
Cerebral cortex.

EMX1 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

EMX1 Antibody (C-term) - Images



All lanes : Anti-EMX1 Antibody (C-term) at 1:1000 dilution Lane 1: MDA-MB-231 whole cell lysate Lane 2: HepG2 whole cell lysate Lane 3: Jurkat whole cell lysate Lane 4: Mouse brain tissue lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 28 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

EMX1 Antibody (C-term) - Background

EMX1 is a transcription factor, which in cooperation with EMX2. It acts to generate the boundary between the roof and archipallium in the developing brain. It may function in combinations with OTX1/2 to specify cell fates in the developing central nervous system.

EMX1 Antibody (C-term) - References

Briata,P., et.al., Mech. Dev. 57 (2), 169-180 (1996)