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EMX1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8966b

Product Information

Application	WB, E
Primary Accession	Q04741
Other Accession	Q04742
Reactivity	Human, Mouse
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	31295
Antigen Region	228-257

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 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
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.

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.

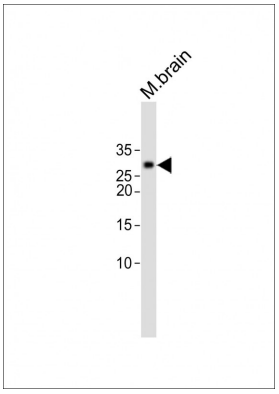
Background

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.

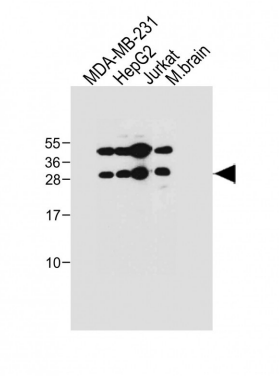
References

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

Images



All lanes: Anti-EMX1 Antibody (C-term) at 1:1000 dilution + Mouse brain lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 28 KDa Blocking/Dilution buffer: 5% NFDM/TBST.



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.