

EMX1 Antibody (N-Terminus)
Chicken Polyclonal Antibody
Catalog # ALS15887**Specification**

EMX1 Antibody (N-Terminus) - Product Information

Application	IHC, WB
Primary Accession	Q04741
Reactivity	Human, Mouse, Rat
Host	Chicken
Clonality	Polyclonal
Calculated MW	28kDa KDa

EMX1 Antibody (N-Terminus) - Additional Information**Gene ID** 2016**Other Names**

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

Target/Specificity

Human EMX1. At least two isoforms of EMX1 are known to exist; this antibody will detect the longer isoform. EMX1 antibody is predicted to not cross-react with other EMX family members.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

EMX1 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

EMX1 Antibody (N-Terminus) - 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 LocationNucleus {ECO:0000255|PROSITE-ProRule:PRU00108, ECO:0000269|PubMed:20887964}.
Cytoplasm Note=Might be shuttling between the nucleus and the cytoplasm**Tissue Location**

Cerebral cortex.

Volume

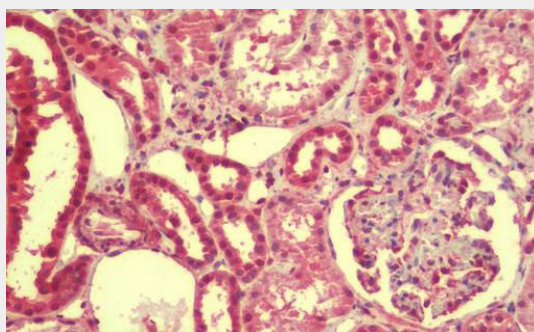
50 µl

EMX1 Antibody (N-Terminus) - Protocols

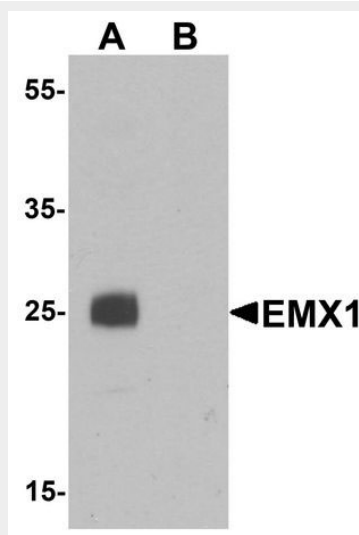
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

EMX1 Antibody (N-Terminus) - Images



Anti-EMX1 antibody IHC staining of human kidney.



Western blot analysis of EMX1 in rat liver tissue lysate with EMX1 antibody at 1 ug/ml in (A)...

EMX1 Antibody (N-Terminus) - Background

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.

EMX1 Antibody (N-Terminus) - References

Hillier L.W.,et al.Nature 434:724-731(2005).
Simeone A.,et al.EMBO J. 11:2541-2550(1992).
Kim H.G.,et al.Am. J. Hum. Genet. 87:465-479(2010).