

EMX2 Antibody (clone 4F7)
Mouse Monoclonal Antibody
Catalog # ALS13305**Specification**

EMX2 Antibody (clone 4F7) - Product Information

Application	IHC
Primary Accession	Q04743
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	28kDa kDa

EMX2 Antibody (clone 4F7) - Additional Information**Gene ID** 2018**Other Names**

Homeobox protein EMX2, Empty spiracles homolog 2, Empty spiracles-like protein 2, EMX2

Reconstitution & Storage

Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions

EMX2 Antibody (clone 4F7) is for research use only and not for use in diagnostic or therapeutic procedures.

EMX2 Antibody (clone 4F7) - Protein Information**Name** EMX2**Function**

Transcription factor, which in cooperation with EMX1, acts to generate the boundary between the roof and archipallium in the developing brain. May function in combination with OTX1/2 to specify cell fates in the developing central nervous system.

Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q04744}. Cell projection, axon {ECO:0000250|UniProtKB:Q04744}. Note=Detected in axons within the olfactory mucosa and glomeruli in the olfactory bulb {ECO:0000250|UniProtKB:Q04744}

Tissue Location

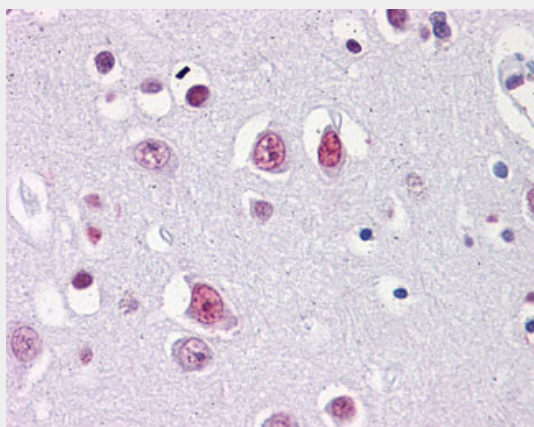
Cerebral cortex.

EMX2 Antibody (clone 4F7) - Protocols

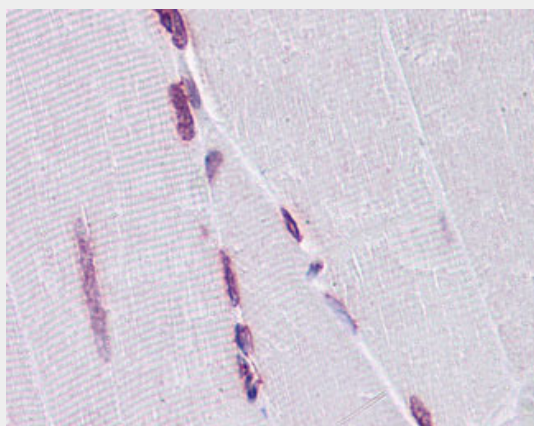
Provided below are standard protocols that you may find useful for product applications.

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

EMX2 Antibody (clone 4F7) - Images



Anti-EMX2 antibody IHC of human brain, cortex.



Anti-EMX2 antibody IHC of human skeletal muscle.

EMX2 Antibody (clone 4F7) - 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.

EMX2 Antibody (clone 4F7) - References

Noonan F.C., et al. Genomics 76:37-44(2001).
Wiemann S., et al. Genome Res. 11:422-435(2001).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Deloukas P., et al. Nature 429:375-381(2004).

Simeone A.,et al.EMBO J. 11:2541-2550(1992).