

**EMX1 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8966b****Specification**

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**EMX1 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q04741](#)**EMX1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 2016**Other Names**

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

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP8966b](/products/AP8966b) was selected from the C-term region of human EMX1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**EMX1 Antibody (C-term) Blocking Peptide - 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) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **EMX1 Antibody (C-term) Blocking Peptide - Images**

## **EMX1 Antibody (C-term) Blocking Peptide - 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) Blocking Peptide - References**

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