

Datasheet for ABIN6991622
anti-EMX1 antibody (N-Term)



[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	EMX1
Binding Specificity:	AA 50-100, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Chicken
Clonality:	Polyclonal
Conjugate:	This EMX1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	EMX1 antibody was raised against a 16 amino acid synthetic peptide near the amino terminus of human EMX1. The immunogen is located within amino acids 50 - 100 of EMX1.
Isotype:	IgY
Specificity:	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.
Purification:	EMX1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	EMX1
Alternative Name:	EMX1 (EMX1 Products)

Target Details

Background: EMX1 Antibody: EMX1 is a homeobox transcription factor involved in specifying cell fates in the developing central nervous system and it participates in the development of olfactory neurons. EMX1 is specifically expressed in the developing telencephalic cortex expression, where expression is restricted to pyramidal neurons. EMX1 is a reliable marker of pyramidal neurons and pyramidal cell lineage. EMX1 has been shown to be one of the downstream target genes for Gli-Kruppel family member 3 (Gli3) transcription factor, which is a part of the Sonic hedgehog-Patched-Gli signaling pathway important in endocrine signaling.

Gene ID: 2016

NCBI Accession: [NP_004088](#)

UniProt: [Q04741](#)

Application Details

Application Notes: EMX1 antibody can be used for detection of EMX1 by Western blot at 1 µg/mL.

Antibody validated: Western Blot in rat samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: EMX1 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: EMX1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.