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## Datasheet for ABIN1450103 anti-EMX1 antibody (N-Term)

### 1 Image

#### Overview

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

#### Product Details

Immunogen:	EMX1 antibody was raised against a 16 amino acid synthetic peptide near the amino terminus of human EMX1.
Purification:	Affinity chromatography purified via peptide column

#### Target Details

Target:	EMX1
Alternative Name:	EMX1 ( <a href="#">EMX1 Products</a> )
Background:	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

## Target Details

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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. Synonyms: Empty spiracles homolog 1, Empty spiracles-like protein 1, Homeobox protein EMX1

Gene ID: 2016

NCBI Accession: [NP\\_004088](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Concentration: 1.0 mg/mL

Buffer: PBS containing 0.02 % sodium azide.

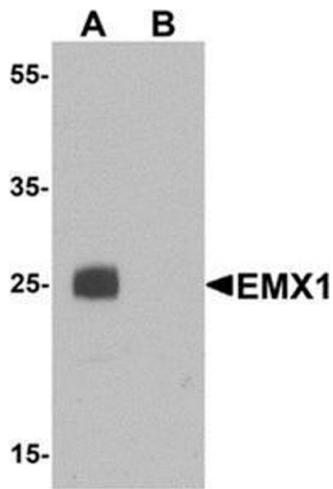
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store the antibody (in aliquots) at -20 °C.



### Western Blotting

**Image 1.** Western blot analysis of EMX1 in rat liver tissue lysate with EMX1 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.