

Datasheet for ABIN1450016
anti-EMX2 antibody (N-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	0.1 mg
Target:	EMX2
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EMX2 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	EMX2 antibody was raised against an 16 amino acid synthetic peptide near the amino terminus of Human EMX2
Isotype:	IgG
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	EMX2
Alternative Name:	EMX2 (EMX2 Products)
Background:	EMX2, like its closely related homolog EMX1, is a homeobox transcription factor involved in specifying cell fates in the developing central nervous system and participates in the development of olfactory neurons. EMX2 is expressed in the dorsal telencephalon during

Target Details

development in a low rostral-lateral to high caudal-medial gradient and is proposed to pattern the neocortex into defined functional areas. It is also expressed in embryonic and adult olfactory neuroepithelia where it complexes with eukaryotic translation initiation factor 4E (eIF4E) and possibly regulates mRNA transport or translation. In the developing urogenital system, it is expressed in epithelial tissues and is negatively regulated by HOXA10. Synonyms: Empty spiracles homolog 2, Empty spiracles-like protein 2, Homeobox protein EMX-2

Molecular Weight: 28 kDa

Gene ID: 2018

UniProt: [Q04743](#)

Application Details

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

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 0.02 % Sodium Azide as preservative

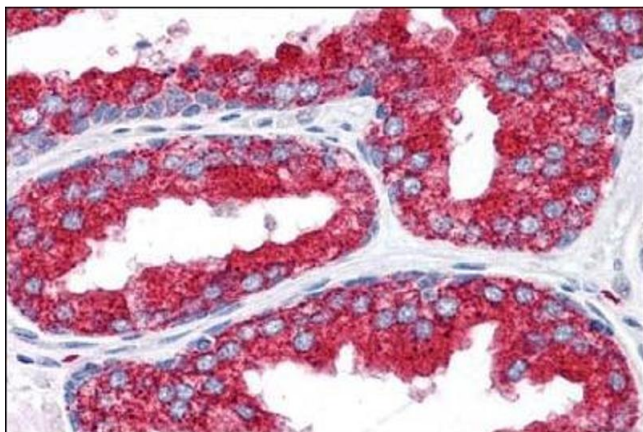
Preservative: Sodium azide

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: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of EMX2 in Human Prostate tissue with EMX2 Antibody at 5 µg/ml.