

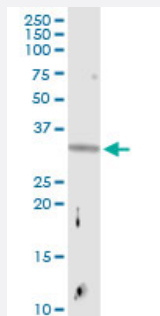
MaxPab®

EMX2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00002018-D01P

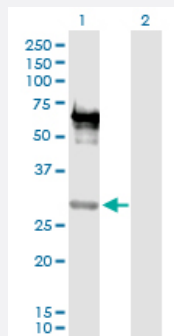
Size 100 ug

Applications



Western Blot (Tissue lysate)

EMX2 MaxPab rabbit polyclonal antibody. Western Blot analysis of EMX2 expression in mouse liver.



Western Blot (Transfected lysate)

Western Blot analysis of EMX2 expression in transfected 293T cell line ([H00002018-T01](#)) by EMX2 MaxPab polyclonal antibody.

Lane 1: EMX2 transfected lysate(27.72 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human EMX2 protein.

Immunogen

EMX2 (NP_004089.1, 1 a.a. ~ 252 a.a) full-length human protein.

Sequence

MFQPAPKRCFTIESLVAKDSPLPASRSEDPIRPAALSYANSSPINPFLNGFHSAAAAAAGRGVYS
NPDLVFAEAVSHPPNPAVPVHPVPPPHALAAHPLSSHSPHPLFASQQRDPSTFYPLIHRYYL
GHRFQGNDTSPESFLLHNALARKPKRIRTAFAFSPSLLRLEHAFEKNHYVGAERKQLAHSLSLTE
TQVKVWFQNRRTKFKRQKLEEEGSDSQKKKGTHINRWRIATKQASPEEIDVTSDD

Host

Rabbit

Reactivity

Human, Mouse

Interspecies Antigen Sequence	Mouse (99); Rat (99)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

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[Protocol Download](#)

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Gene Info — EMX2

Entrez GeneID	2018
GeneBank Accession#	NM_004098.3
Protein Accession#	NP_004089.1
Gene Name	EMX2
Gene Alias	-
Gene Description	empty spiracles homeobox 2
Omim ID	269160 600035
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a homeobox-containing transcription factor that is the homolog to the 'empty spiracles' gene in Drosophila. Research on this gene in humans has focused on its expression in three tissues: dorsal telencephalon, olfactory neuroepithelium, and urogenital system. It is expressed in the dorsal telencephalon during 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. Alternative splicing results in multiple transcript variants encoding distinct proteins

Other Designations

OTTHUMP00000020578|empty spiracles homolog 2

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Depressive Disorder](#)
- [Endometriosis](#)
- [Genetic Predisposition to Disease](#)