

Anti-FOXB1/2 Antibody
Catalog # AP54065**Specification**

Anti-FOXB1/2 Antibody - Product Information

Application	WB, IH
Primary Accession	Q99853
Other Accession	Q5VYV0
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34978

Anti-FOXB1/2 Antibody - Additional Information**Gene ID** 27023**Other Names**

FOXB1; FKH5; Forkhead box protein B1; Transcription factor FKH-5; FOXB2; Forkhead box protein B2

Target/Specificity

Recognizes endogenous levels of FOXB1/2 protein.

Dilution

WB~~1/500 - 1/1000

IH~~1/50 - 1/200

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-FOXB1/2 Antibody - Protein Information**Name** FOXB1**Synonyms** FKH5**Function**

Transcription factor expressed by neural progenitor cells in specific regions of the embryonic neuroepithelium. Essential for the mammillary nuclei maintenance. Negatively regulates the proliferation of oligodendrocyte progenitors and promotes oligodendrocyte maturation. Also expressed in mammary glands, plays a role in lactation, controls development of mammary glands and the inferior colliculi of the midbrain in the central nervous system that regulates the milk-ejection reflex.

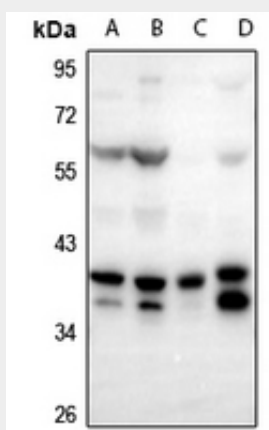
Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q64732}.

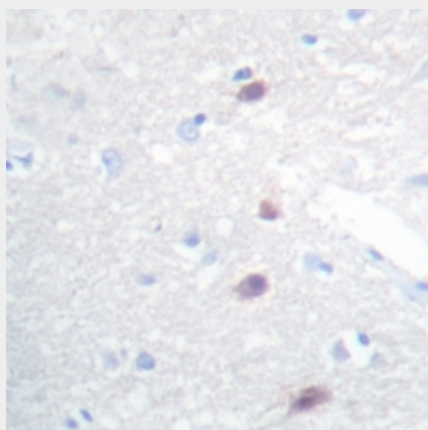
Anti-FOXB1/2 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-FOXB1/2 Antibody - Images

Western blot analysis of FOXB1/2 expression in SG7901 (A), Myla2059 (B), mouse embryo (C), rat testis (D) whole cell lysates.



Immunohistochemical analysis of FOXB1/2 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Anti-FOXB1/2 Antibody - Background

Rabbit polyclonal antibody to FOXB1/2