

FOXB1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54543**Specification**

FOXB1 Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	Q99853
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34978

FOXB1 Polyclonal Antibody - Additional Information**Gene ID** 27023**Other Names**

Forkhead box protein B1, Transcription factor FKH-5, FOXB1, FKH5

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

FOXB1 Polyclonal 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

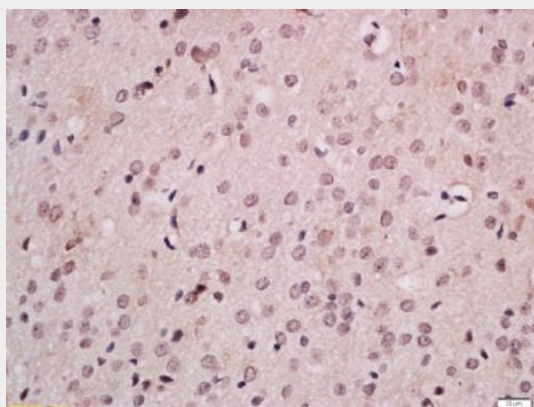
Nucleus {ECO:0000250|UniProtKB:Q64732}.

FOXB1 Polyclonal 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](#)

FOXB1 Polyclonal Antibody - Images



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-FOXB1 Polyclonal Antibody, Unconjugated(bs-11555R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining