

FOXB1 / FKH5 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2345a**Specification**

FOXB1 / FKH5 Antibody (C-Term) - Product Information

Application	IF, ICC, E
Primary Accession	Q99853
Other Accession	NP_036314.2 , 27023 , 64290 (mouse)
Reactivity	Mouse
Predicted	Human, Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	34978

FOXB1 / FKH5 Antibody (C-Term) - Additional Information**Gene ID** 27023**Other Names**

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

Dilution

IF~~1:50~200

ICC~~N/A

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FOXB1 / FKH5 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

FOXB1 / FKH5 Antibody (C-Term) - 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 / FKH5 Antibody (C-Term) - 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 / FKH5 Antibody (C-Term) - Images**FOXB1 / FKH5 Antibody (C-Term) - References**

The winged helix gene, Foxb1, controls development of mammary glands and regions of the CNS that regulate the milk-ejection reflex. Kloetzli JM, Fontaine-Glover IA, Brown ER, Kuo M, Labosky PA. Genesis. 2001 Feb;29(2):60-71. PMID: 11170346