

Anti-Forkhead box protein G1 FOXG1 Antibody

Catalog Number: A01852

About FOXG1

FOXG1 belongs to the forkhead family of transcription factors which is characterized by a distinct forkhead domain and plays an important role in the development of the brain and telencephalon (1). It is essential for the proliferation of progenitor cells in the cerebral cortex and influences regional patterning in the mammalian telencephalon (2,3). Expression is restricted to the neurons of the developing telencephalon (3). The loss of FOXG1 results in an accelerated rate of neuronal differentiation and the shortening of the neurogenetic period in the embryonic cerebral cortex (2,4).

Overview

Product Name	Anti-Forkhead box protein G1 FOXG1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Forkhead box protein G1 FOXG1 Antibody (Catalog # A01852). Tested in ELISA, WB, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, WB
Clonality	Polyclonal
Formulation	FOXG1 antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	FOXG1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	P55316

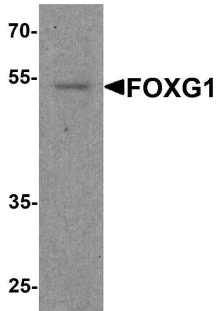
Technical Details

Immunogen	FOXG1 antibody was raised against an 18 amino acid peptide near the center of human FOXG1. The immunogen is located within amino acids 160 - 210 of FOXG1.
Predicted Reactive Species	Chicken
Cross Reactivity	FOXG1 antibody is human, mouse and rat reactive.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	FOXG1 antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	FOXG1 antibody can be used for detection of FOXG1 by Western blot at 1 - 2 ug/ml. For

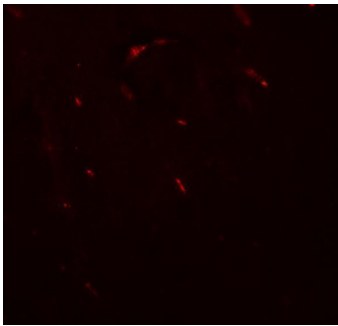
immunofluorescence start at 20 ug/mL.

Antibody validated: Western Blot in rat samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

Anti-Forkhead box protein G1 FOXG1 Antibody (A01852) Images



Western blot analysis of FOXG1 in rat brain tissue lysate with FOXG1 antibody at 1 ug/ml.



Immunofluorescence of FOXG1 in mouse brain tissue with FOXG1 antibody at 20 ug/ml.

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