

Rabbit FOXG1 Polyclonal Antibody | anti-FOXG1 antibody

FOXG1 Antibody

CATALOG # AAA40596	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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PRODUCT SYNONYMS

FOXG1; Polyclonal Antibody; FOXG1 Antibody; Forkhead box G1; Brain factor 1; Brain factor 2; BF1; BF2; FKHL2; FKHL1; FKHL3; FKHL4; Forkhead box protein G1; FOXG1A; FOXG1B; FOXG1C; HBF-1; HBF2; HBF-3; HBF-G2; HFK1; HFK2; HFK3; KHL2; QIN ; forkhead box G1; anti-FOXG1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	FOXG1 antibody is human, mouse and rat reactive.
Purity/Purification	FOXG1 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	489
Applicable Applications for anti-FOXG1 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	FOXG1 antibody was raised against an 18 amino acid peptide near the center of human FOXG1.
Buffer	FOXG1 antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	FOXG1 antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of FOXG1 in mouse brain tissue with FOXG1 antibody at 20 &#956;g/ml.



WB (Western Blot)

Western blot analysis of FOXG1 in rat brain tissue lysate with FOXG1 antibody at 1 &#956;g/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-FOXG1 antibody	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).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	32307177
NCBI GeneID	2290
NCBI Accession #	NP_005240
NCBI GenBank Nucleotide #	NM_005249.4
UniProt Accession #	P55316; P55315; Q14488; Q86XT7; A6NFY2
Molecular Weight	Predicted: 54 kDa Observed: 54 kDa
NCBI Official Full Name	forkhead box protein G1
NCBI Official Synonym Full Names	forkhead box G1
NCBI Official Symbol	FOXG1
NCBI Official Synonym Symbols	BF1; BF2; QIN; FKH2; HBF2; HFK1; HFK2; HFK3; KHL2; FHKL3; FKHL1; FKHL2; FKHL3; FKHL4; HBF-1; HBF-2; HBF-3; FOXG1A; FOXG1B; FOXG1C; HBF-G2
NCBI Protein Information	forkhead box protein G1; oncogene QIN; brain factor 1; brain factor 2; forkhead-like 1; forkhead-like 2; forkhead-like 3; forkhead-like 4
UniProt Protein Name	Forkhead box protein G1
UniProt Gene Name	FOXG1
UniProt Synonym Gene Names	FKH2; FKHL1; FKHL2; FKHL3; FKHL4; FOXG1A; FOXG1B; FOXG1C; BF-1; BF1; BF-2; BF2; hBF-2; HFK1; HFK2; HFK3
UniProt Entry Name	FOXG1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/foxg1-antibody-immunofluorescence-western-blot-elisa/40596>