

Rabbit anti-Human, Mouse FOXG1 Polyclonal Antibody | anti-FOXG1 antibody

FOXG1 antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA59996	Rabbit	Human, Mouse	Western Blot, Chromatin Immunoprecipitation, Immunoprecipitation, Chromatin Immunoprecipitation, Immunoprecipitation

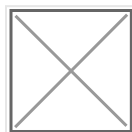
PRODUCT SYNONYMS

FOXG1; Polyclonal Antibody; FOXG1 antibody (pAb); 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; anti-FOXG1 antibody

PRODUCT SPECIFICATIONS

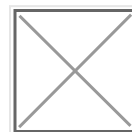
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Purified IgG in 70mM Tris (pH8), 105mM NaCl, 31mM glycine, 0.07mM EDTA, 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-FOXG1 antibody	WB (Western Blot), ChIP (Chromatin immunoprecipitation), ChIP (Chromatin immunoprecipitation)
Immunogen	This FOXG1 antibody was raised against a peptide within the C-terminal region of human FOXG1.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



WB (Western Blot)

FOXG1 antibody (pAb) tested by Western blot. Detection of Goosecoid by Western blot analysis. Lane 1: Whole-cell extract of Hek 293 cells (40 ug). Lane 2: Whole-cell extract of Jurkat cells (40 ug). Both were probed with FOXG1 antibody (pAb) at a 1:500 dilution.



ChIP (Chromatin Immunoprecipitation)

FOXG1 antibody (pAb) tested by ChIP-Seq. ChIP was performed using the ChIP-IT High Sensitivity Kit with 30 ug of mouse whole brain chromatin and 2 ul of antibody. ChIP DNA was sequenced on the Illumina HiSeq and 20 million sequence tags were mapped to identify FOXG1 binding sites. The image shows binding across a region of chromosome 4. You can view the complete data set in the UCSC Genome Browser, starting at this specific location, [here](#).

ADDITIONAL INFORMATION

Related Product Information for anti-FOXG1 antibody	Short Description: Our FOXG1 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Chromatin Immunoprecipitation, ChIP-Seq and Western blot; it has been shown to react with Human and Mouse samples. Background: FOXG1 (Forkhead box protein G1, FKH2, FKHL1) is a transcriptional repressor that serves an important role in the development of the brain. FOXG1 is expressed in the neural plate early in development and is involved in the specification, proliferation and differentiation of the telencephalon. FOXG1 is also essential for proper patterning of the eye and development of the olfactory epithelium.
Product Categories/Family for anti-FOXG1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	32307177
NCBI GeneID	2290
NCBI Accession #	NP_005240; AB_2793554
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.