

FOXG1 Rabbit pAb

Catalog No.: A12389

Basic Information

Observed MW

48kDa

Calculated MW

52kDa

Category

Primary antibody

Applications

WB,FC

Cross-Reactivity

Human, Mouse

Background

This locus encodes a member of the fork-head transcription factor family. The encoded protein, which functions as a transcriptional repressor, is highly expressed in neural tissues during brain development. Mutations at this locus have been associated with Rett syndrome and a diverse spectrum of neurodevelopmental disorders defined as part of the FOXG1 syndrome. This gene is dysregulated in many types of cancer and is the target of multiple microRNAs that regulate the proliferation of tumor cells.

Recommended Dilutions

WB	1:500 - 1:1000
FC	1:20 - 1:50

Immunogen Information

Gene ID	Swiss Prot
2290	P55316

Immunogen

A synthetic peptide of human FOXG1

Synonyms

BF1; BF2; QIN; FKX2; HBF2; HFK1; HFK2; HFK3; KHL2; FHL3; FKHL1; FKHL2; FKHL3; FKHL4; HBF-1; HBF-2; HBF-3; FOXG1A; FOXG1B; FOXG1C; HBF-G2; FOXG1

Contact

 | www.abclonal.com

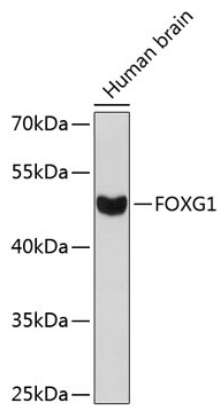
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide, pH7.3.

Validation Data



Western blot analysis of extracts of human brain, using FOXG1 antibody (A12389).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.