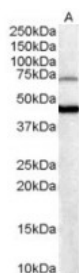




FOXG1 Antibody

CATALOG NUMBER: 45-053



Western Blot (0.3ug/ml) staining of Human Brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specifications

SPECIES REACTIVITY:	Human, Mouse
TESTED APPLICATIONS:	ELISA, ICC, IF, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:64000. Western Blot: Approx. 48 kDa band observed in Human Brain lysates (calculated MW of 52.4kDa according to NP_005240.3 (FOXG1B) and 50.5kDa according to CAA55038.1 (FOXG1A). Recommended concentration: 0.3-1.0ug/ml. An additional band of unknown identity was observed. Immunocytochemistry/Immunofluorescence: This antibody has been successfully used in ICC/IF for OP27 cells.
POSITIVE CONTROL:	1) Cat. No. 1303 - Human Brain Tissue Lysate
IMMUNOGEN:	FOXG1 antibody was raised against a 13 amino acid synthetic peptide near the C-Terminus of FOXG1.
HOST SPECIES:	Goat

Properties

PURIFICATION:	FOXG1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	FOXG1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	forkhead box G1B, BF1, FKHL1, FKHL4, HBF-1, HFK1, QIN, forkhead (Drosophila)-like 1, forkhead (Drosophila)-like 4, oncogene QIN, forkhead box G1A, BF2, FKHL2, HBF-2, HBF-G2, HBF2, HFK2, KHL2, Forkhead, drosophila, homolog-like 2, brain factor 2, forkhead, FKHL3, FOXG1A, FOXG1B, FOXG1C
ACCESSION NO.:	CAA55038.1 (FOXG1A), NP_005240.3 (FOXG1B)
PROTEIN GI NO.:	967048

OFFICIAL SYMBOL: FOXG1

GENE ID: 2290

Background

REFERENCES: 1) Wiese S, Murphy DB, Schlung A, Burfeind P, Schmundt D, Schnulle V, Mattei MG, Thies U. The genes for human brain factor 1 and 2, members of the fork head gene family, are clustered on chromosome 14q. *Biochim Biophys Acta*. 1995 Jun 9;1262(2-3):105-12.

FOR RESEARCH USE ONLY

December 13, 2016