

Goat anti-FOXG1 / BF2 Antibody

Item Number	dAP-0111
Target Molecule	Principle Name: FOXG1 / BF2; Official Symbol: FOXG1; All Names and Symbols: forkhead box G1; BF1; BF2; FHL3; FKH2; FKHL1; FKHL2; FKHL3; FKHL4; FOXG1A; FOXG1B; FOXG1C; HBF-1; HBF-2; HBF-3; HBF-G2; HBF2; HFK1; HFK2; HFK3; KHL2; QIN; OTTHUMP00000178764; brain factor 2; forkhead box G1A; forkhead box G1B; forkhead box G1C; forkhead,; Accession Number (s): NP_005240.3; Human Gene ID(s): 2290; Non-Human GeneID(s): 15228 (mouse) 24370 (rat)
Immunogen	HQNQGSSSNPLIH, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	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: 0.3-1.0µg/ml. An additional band of unknown identity was
IHC	
Reference	Reference(s): 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..PMID: 7599184->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**