



Mouse anti-Human FOXG1 polyclonal antibody (DPAB-DC1010)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This locus encodes a member of the forked-head transcription factor family. The encoded protein, which functions as a repressor, may play a role in brain development. Mutations at this locus have been associated with Rett syndrome.
Immunogen	FOXG1B (NP_005240, 183 a.a. ~ 291 a.a) partial recombinant protein with GST tag. The sequence is PFSYNALIMMAIRQSPEKRLTLNGIYEFIMKNFPYYRENKQGWQNSIRHNLSLNKCFVKV PRHYDDPGKGNYWMLDPSSDDVFIGGTTGKLRRRSTTSRAKLAFKRGAR
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	FOXG1 forkhead box G1 [Homo sapiens (human)]
------------------	--

Official Symbol	FOXG1
Synonyms	FOXG1; forkhead box G1; BF1; BF2; QIN; FKH2; HBF2; HFK1; HFK2; HFK3; KHL2; FKHL3; FKHL1; FKHL2; FKHL3; FKHL4; HBF-1; HBF-2; HBF-3; FOXG1A; FOXG1B; FOXG1C; HBF-G2; forkhead box protein G1; oncogene QIN; brain factor 1; brain factor 2; forkhead-like 1; forkhead-like 2; forkhead-like 3; forkhead-like 4;
Entrez Gene ID	2290
Protein Refseq	NP_005240
UniProt ID	P55316
Chromosome Location	14q13
Pathway	FoxO signaling pathway; TGF-beta Receptor Signaling Pathway;
Function	DNA binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity
