



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

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	FOXG1B (NP_005240, 183 a.a. ~ 291 a.a) partial recombinant protein with GST tag. The sequence is PFSYNALIMMAIRQSPEKRLTLNGIYEFIMKNFPYYRENKQGWQNSIRHNLNLCFKVKV PRHYDDPGKGNYWMLDPSSDDVFIGGTTGKLRRRSTTSRAKLAFKRGAR
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

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

<b>Official Symbol</b>	FOXG1
<b>Synonyms</b>	FOXG1; forkhead box G1; BF1; BF2; QIN; FKH2; HBF2; HFK1; HFK2; HFK3; KHL2; FHL3; 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;
<b>Entrez Gene ID</b>	<a href="#">2290</a>
<b>Protein Refseq</b>	<a href="#">NP_005240</a>
<b>UniProt ID</b>	<a href="#">P55316</a>
<b>Chromosome Location</b>	14q13
<b>Pathway</b>	FoxO signaling pathway; TGF-beta Receptor Signaling Pathway;
<b>Function</b>	DNA binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity