



# Human FOXG1 blocking peptide (DAG-P0007)

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. [provided by RefSeq, Feb 2012]
<b>Specificity</b>	Expression is restricted to the neurons of the developing telencephalon.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	BL
<b>Sequence Similarities</b>	Contains 1 fork-head DNA-binding domain.
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">FOXG1 forkhead box G1 [Homo sapiens (human)]</a>
<b>Official Symbol</b>	FOXG1
<b>Synonyms</b>	FOXG1; forkhead box G1; BF1; BF2; QIN; FKHL2; 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>mRNA Refseq</b>	<a href="#">NM_005249.4</a>
<b>Protein Refseq</b>	<a href="#">NP_005240.3</a>
<b>UniProt ID</b>	P55316
<b>Chromosome Location</b>	14q13
<b>Pathway</b>	FoxO signaling pathway, organism-specific biosystem; Regulation of nuclear SMAD2/3 signaling, organism-specific biosystem; TGF-beta Receptor Signaling Pathway, organism-specific biosystem;
<b>Function</b>	DNA binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;