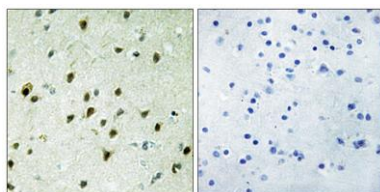


Mad 4 rabbit pAb**Cat#: orb767393 (Manual)**

For research use only. Not intended for diagnostic use.

Product Name	Mad 4 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human MAD4. AA range:10-59
Specificity	Mad 4 Polyclonal Antibody detects endogenous levels of Mad 4 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Max dimerization protein 4
Gene Name	MXD4
Cellular localization	Nucleus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

Concentration	1 mg/ml
Observed band	
Human Gene ID	10608
Human Swiss-Prot Number	Q14582
Alternative Names	MXD4; BHLHC12; MAD4; Max dimerization protein 4; Max dimerizer 4; Class C basic helix-loop-helix protein 12; bHLHc12; Max-associated protein 4; Max-interacting transcriptional repressor MAD4
Background	This gene is a member of the MAD gene family . The MAD genes encode basic helix-loop-helix-leucine zipper proteins that heterodimerize with MAX protein, forming a transcriptional repression complex. The MAD proteins compete for MAX binding with MYC, which heterodimerizes with MAX forming a transcriptional activation complex. Studies in rodents suggest that the MAD genes are tumor suppressors and contribute to the regulation of cell growth in differentiating tissues. [provided by RefSeq, Jul 2008],



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using MAD4 Antibody. The picture on the right is blocked with the synthesized peptide.