



Anti-AMPH (full length) polyclonal antibody (DPAB-DC1370)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a protein associated with the cytoplasmic surface of synaptic vesicles. A subset of patients with stiff-man syndrome who were also affected by breast cancer are positive for autoantibodies against this protein. Alternate splicing of this gene results in two transcript variants encoding different isoforms. Additional splice variants have been described, but their full length sequences have not been determined. A pseudogene of this gene is found on chromosome 11.[provided by RefSeq, Nov 2010]
Immunogen	AMPH (AAH34376.1, 1 a.a. ~ 695 a.a) full-length recombinant protein with GST tag. The sequence is MADIKTGIFAKNVQKRLNRAQEKVQLQKLGKADETKEQFEEYVQNFKRQEAEGLRLQREL RGYLAIAKGMQEASMKLTESLHEVYEPDWYGREDVKMVGEKCDVLWEDFHQKLVDGSLLT LDTYLGQFPDIKNRIAKRSRKLVDYDSARHHLEALQSSKRKDESRISKAAEEFQKAQKVF EEFNVDLQEELPSLWSRRVGFYVNTFKNVSSLEAKFHKEIAVLCHKLYEVMTKLGDQHAD KAFTIQGAPS DSGPLRIAKTPSPPEEPSPPLSPTASPNTLAPASPAPRPRSPSQTTRKG PPVPLPKVTPTKELQQENIISSFEDNFVPEISVTPSQNEVPEVKKEETLLDLDQDFPK PEVTPAGSAGVTHSPMSQTLPWDLWTTSQDLVQPASGGSFNG
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	AMPH amphiphysin [Homo sapiens (human)]
Official Symbol	AMPH
Synonyms	AMPH; amphiphysin; AMPH1; amphiphysin I; amphiphysin (Stiff-Mann syndrome with breast cancer 128kD autoantigen);
Entrez Gene ID	273
Protein Refseq	NP_001626
UniProt ID	P49418
Chromosome Location	7p14-p13
Pathway	Fc gamma R-mediated phagocytosis; Internalization of ErbB1;
Function	phospholipid binding; protein binding;
