



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

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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]
<b>Immunogen</b>	AMPH (AAH34376.1, 1 a.a. ~ 695 a.a) full-length recombinant protein with GST tag. The sequence is MADIKTGIFAKNVQKRLNRAQEKVLQKLGKADETKDEQFEEYVQNFKRQEAEGTRLQREL RGYLAAIKGMQEASMKLTESLHEVYEPDWYGREDVKMVGEKCDVLWEDFHQKLVGSLLT LDTYLGQFPDIKNRIAKRSRKLVDYDSARHHLEALQSSKRKDESRISKAEEEFQKAQKVF EEFNVDLQEELPSLWSRRVGFYVNTFKNVSSLEAKFHKEIAVLCHKLYEVMTKLGDQHAD KAFTIQGAPSDSGPLRIAKTPSPPEEPSPLPSPTASPNHTLAPASPAPARPRSPSQTRKG PPVPPLPKVTPTKELQQENIISFFEDNFVPEISVTTSPSQNEVPEVKKEETLLDLDFDPFK PEVTPAGSAGVTHSPMSQTLPWDLWTTSTDLVQPASGGGSFNG
<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

**Storage**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

Gene Name	<a href="#">AMPH amphiphysin [ Homo sapiens (human) ]</a>
Official Symbol	AMPH
Synonyms	AMPH; amphiphysin; AMPH1; amphiphysin I; amphiphysin (Stiff-Mann syndrome with breast cancer 128kD autoantigen);
Entrez Gene ID	<a href="#">273</a>
Protein Refseq	<a href="#">NP_001626</a>
UniProt ID	<a href="#">P49418</a>
Chromosome Location	7p14-p13
Pathway	Fc gamma R-mediated phagocytosis; Internalization of ErbB1;
Function	phospholipid binding; protein binding;