



# Goat anti-Human Marapsin/Pancreasin Polyclonal antibody, Biotin-Conjugated (DPABY-348)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Marapsin, pancreasin, and channel-activating protease 2 (CAP-2) are different names for the same serine protease that is expressed strongly in the pancreas. Synthesized as a single-chain proenzyme, marapsin is activated to form a disulfide bond-linked dimer between the pro peptide and the serine protease domain.
<b>Specificity</b>	Detects human Marapsin/Pancreasin in ELISAs and Western blots. In sandwich immunoassays, less than 0.1% cross-reactivity with recombinant mouse Marapsin is observed.
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant human Marapsin/Pancreasin. Ala23-Lys290 Accession Number Q9BQR3
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen Affinity-purified
<b>Conjugate</b>	Biotin
<b>Applications</b>	Western Blot, ELISA Detection (Matched Pair)
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS) containing 50 µg of bovine serum albumin (BSA) per 1 µg of antibody.

<b>Preservative</b>	None
<b>Storage</b>	Lyophilized samples are stable for twelve months from date of receipt when stored at -20 °C to -70 °C. Upon reconstitution, the antibody can be stored at 2 °C to 8 °C for 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20 °C to -70 °C in a manual defrost freezer for six months without detectable loss of activity. Avoid repeated freeze-thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">PRSS27 protease, serine 27 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	PRSS27
<b>Synonyms</b>	PRSS27; protease, serine 27; MPN; CAPH2; serine protease 27; marapsin; pancreasin; channel-activating protease 2;
<b>Entrez Gene ID</b>	<a href="#">83886</a>
<b>Protein Refseq</b>	<a href="#">NP_114154</a>
<b>UniProt ID</b>	<a href="#">Q9BQR3</a>
<b>Chromosome Location</b>	16p13.3
<b>Function</b>	serine-type endopeptidase activity;