

DNAxPAb

Hard-to-Find
Antibody

PAM DNAxPab

Catalog # H00005066-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human PAM DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — PAM

Entrez GeneID	5066
GeneBank Accession#	NM_138821.1
Protein Accession#	NP_620176.1
Gene Name	PAM
Gene Alias	PAL, PHM
Gene Description	peptidylglycine alpha-amidating monooxygenase
Omim ID	170270
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a multifunctional protein. It has two enzymatically active domains with catalytic activities - peptidylglycine alpha-hydroxylating monooxygenase (PHM) and peptidyl-alpha-hydroxy glycine alpha-amidating lyase (PAL). These catalytic domains work sequentially to catalyze neuro endocrine peptides to active alpha-amidated products. Multiple alternatively spliced transcript variants encoding different isoforms have been described for this gene but some of their full length sequences are not yet known. [provided by RefSeq]
Other Designations	pancreatic peptidylglycine alpha-amidating monooxygenase peptidyl alpha-amidating enzyme peptidyl-alpha-hydroxyglycine alpha-amidating lyase peptidylglycine 2-hydroxylase peptidylglycine alpha-hydroxylating monooxygenase

Disease

- [Tobacco Use Disorder](#)