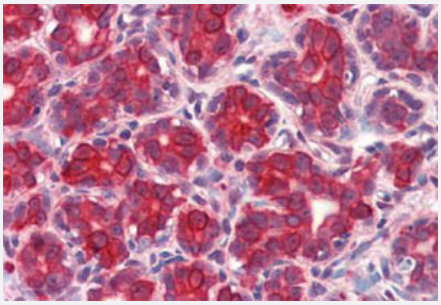
GM2A polyclonal antibody

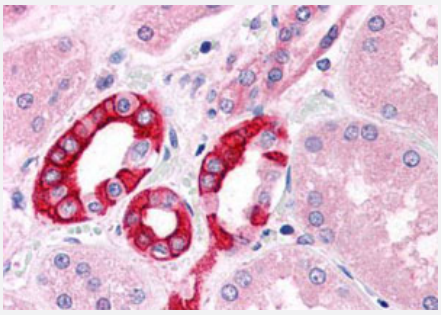
Catalog # PAB28161 Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human breast with GM2A polyclonal antibody (Cat # PAB28161). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human kidney with GM2A polyclonal antibody (Cat # PAB28161). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of GM2A.
Immunogen	A synthetic peptide corresponding to 15 amino acids at internal region of human GM2A.
Host	Rabbit
Reactivity	Human
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography

Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (5 ug/ml)
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — GM2A

Entrez GeneID	2760
Protein Accession#	P17900
Gene Name	GM2A
Gene Alias	SAP-3
Gene Description	GM2 ganglioside activator
Omim ID	272750
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a small glycolipid transport protein which acts as a substrate specific co-facto r for the lysosomal enzyme beta-hexosaminidase A. Beta-hexosaminidase A, together with GM2 ganglioside activator, catalyzes the degradation of the ganglioside GM2, and other molecules con taining terminal N-acetyl hexosamines. Mutations in this gene result in GM2-gangliosidosis type A B or the AB variant of Tay-Sachs disease. [provided by RefSeq
Other Designations	cerebroside sulfate activator protein|sphingolipid activator protein 3

Pathway

- Lysosome

Disease

- Tobacco Use Disorder