

For Research Use Only

Serpina3g Polyclonal antibody

Catalog Number: 55353-1-AP



Basic Information

Catalog Number:

55353-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_009251

GeneID (NCBI):

20715

UNIPROT ID:

Q5I2A0

Full Name:

serine (or cysteine) peptidase inhibitor, clade A, member 3G

Calculated MW:

49 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

mouse

Positive Controls:

IHC : mouse kidney tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Serpina3g was predicted to enable serine-type endopeptidase inhibitor activity. Acts upstream of or within response to cytokine and response to peptide hormone. Predicted to be located in cytoplasm and nucleus. Serpina3g was predicted to be active in extracellular space. Human ortholog(s) of this gene implicated in chronic obstructive pulmonary disease; cystic fibrosis; and vasculitis

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

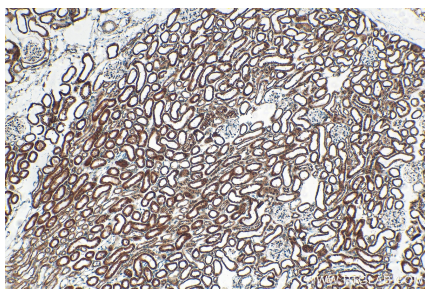
For technical support and original validation data for this product please contact:

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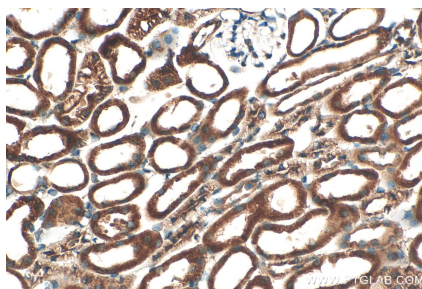
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 55353-1-AP (Serpina3g antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 55353-1-AP (Serpina3g antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).