

Mouse anti-Human SERPINA7 Monoclonal Antibody | anti-SERPINA7 antibody

Anti-SERPINA7 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA14142	Mouse	Human	Western Blot, Immunohistochemistry, Immunocytochemistry, Flow Cytometry, Functional Assay

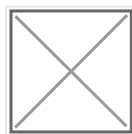
PRODUCT SYNONYMS

SERPINA7; Monoclonal Antibody; Anti-SERPINA7 Mouse mAb; TBG; anti-SERPINA7 antibody

PRODUCT SPECIFICATIONS

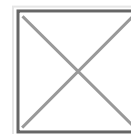
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5B11E9
Form/Format	Purified antibody in PBS with 0.05% sodium azide and 0.5% protein stabilizer
Sequence Length	415
Applicable Applications for anti-SERPINA7 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry)
Immunogen	Purified recombinant fragment of human SERPINA7 (AA: 168-302) expressed in E Coli.

IMAGES



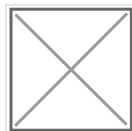
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded bladder cancer tissues using SERPINA7 mouse mAb with DAB staining.



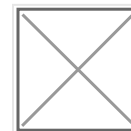
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded liver cancer tissues using SERPINA7 mouse mAb with DAB staining.



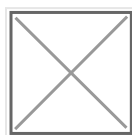
FCM (Flow Cytometry)

Flow cytometric analysis of A431 cells using SERPINA7 mouse mAb (green) and negative control (red).



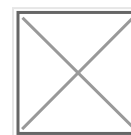
IF (Immunofluorescence)

Immunofluorescence analysis of A431 cells using SERPINA7 mouse mAb (green). Blue control (red).



WB (Western Blot)

Western blot analysis using SERPINA7 mAb against HEK293 (1) and SERPINA7 (AA)



WB (Western Blot)

Western blot analysis using SERPINA7 mAb against human SERPINA7 recombinant protein. (Expected MW is 41.4 kDa)

ADDITIONAL INFORMATION

Related Product Information for anti-SERPINA7 antibody	Entrez Summary: There are three proteins including thyroxine-binding globulin (TBG), transthyretin and albumin responsible for carrying the thyroid hormones thyroxine (T4) and 3, 5, 3'-triiodothyronine (T3) in the bloodstream. This gene encodes the major thyroid hormone transport protein, TBG, in serum. It belongs to the serpin family in genomics, but the protein has no inhibitory function like many other members of the serpin family. Mutations in this gene result in TGB deficiency, which has been classified as partial deficiency, complete deficiency, and excess, based on the level of serum TBG. Alternatively spliced transcript variants encoding different isoforms have been found, but the full-length nature of these variants has not been determined.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	823672780
NCBI GeneID	6906
Molecular Weight	46.3
NCBI Official Full Name	SERPINA7, partial
NCBI Official Synonym Full Names	serpin family A member 7
NCBI Official Symbol	SERPINA7
NCBI Official Synonym Symbols	TBG; TBGQTL
NCBI Protein Information	thyroxine-binding globulin
UniProt Protein Name	Thyroxine-binding globulin
UniProt Gene Name	SERPINA7
UniProt Synonym Gene Names	TBG

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/serpina7-antibody-clone-5b11e9-western-blot-immunohistochemistry-immunocytochemistry-flow-cytometry-elisa/14142>