

Rabbit SCOT1 Polyclonal Antibody | anti-SCOT1 antibody

SCOT1 Antibody

CATALOG # AAA319823	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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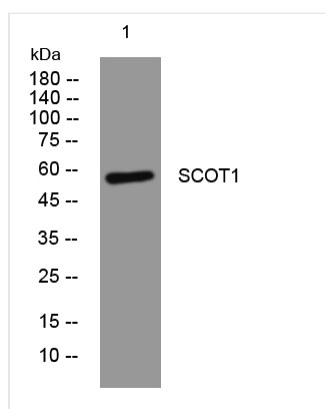
PRODUCT SYNONYMS

SCOT1; Polyclonal Antibody; SCOT1 Antibody; anti-SCOT1 antibody

PRODUCT SPECIFICATIONS

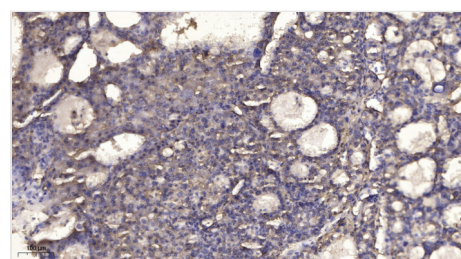
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This antibody detects endogenous levels of SCOT1 at Human/Mouse/Rat
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-SCOT1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Synthesized peptide derived from human SCOT1 AA range: 105-155
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)

Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4 degree over night



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4 degree overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

ADDITIONAL INFORMATION

Related Product Information for anti-SCOT1 antibody	This gene encodes a member of the 3-oxoacid CoA-transferase gene family. The encoded protein is a homodimeric mitochondrial matrix enzyme that plays a central role in extrahepatic ketone body catabolism by catalyzing the reversible transfer of coenzyme A from succinyl-CoA to acetoacetate. Mutations in this gene are associated with succinyl CoA; 3-oxoacid CoA transferase deficiency. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-SCOT1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557817
NCBI GeneID	5019
NCBI Accession #	NP_000427.1
NCBI GenBank Nucleotide #	NM_000436.3
UniProt Accession #	P55809; B2R5V2; B7Z528
Molecular Weight	13,358 Da
NCBI Official Full Name	succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial
NCBI Official Synonym Full Names	3-oxoacid CoA-transferase 1
NCBI Official Symbol	OXCT1
NCBI Official Synonym Symbols	OXCT; SCOT
NCBI Protein Information	succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial
UniProt Protein Name	Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial
UniProt Gene Name	OXCT1
UniProt Synonym Gene Names	OXCT; SCOT; SCOT-s

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://www.aaabiotech.com/polyclonal/scot1-antibody-immunohistochemistry-western-blot-elisa/319823>