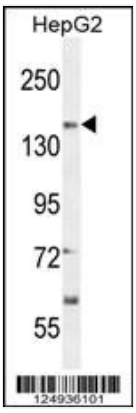
CT117 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CT117, Polyclonal Antibody
Full Product Name	CT117, NT (SOGA1, C20orf117, KIAA0889, SOGA, Protein SOGA1, SOGA family member 1, Suppressor of glucose by autophagy, Suppressor of glucose, autophagy-associated protein 1, N-terminal form, C-terminal 80kD form) (PE)
Product Gene Name	anti-CT117 antibody
Product Synonym Gene Name	C20orf117
Product Synonym Names	SOGA1; C20orf117; KIAA0889; SOGA; Protein SOGA1; SOGA family member 1; Suppressor of glucose by autophagy; Suppressor of glucose; autophagy-associated protein 1; N-terminal form; C-terminal 80kD form
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	115,827 Da
3D Structure	ModBase 3D Structure for O94964
Immunogen	CT117 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 97-125 amino acids from the N-terminal region of human CT117.
Conjugate	PE
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-CT117 antibody	Antibodies; Autophagy
Applications Tested/Suitable for anti-CT117 antibody	Western Blot (WB), FLISA
Application Notes for anti-CT117 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-CT117 antibody	MBS6289571 is an antibody targeting CT117. Also known as CT117, NT (SOGA1, C20orf117, KIAA0889, SOGA, Protein SOGA1, SOGA family member 1, Suppressor of glucose by autophagy, Suppressor of glucose, autophagy-associated protein 1, N-terminal form, C-terminal 80kD form) (PE). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-CT117 antibody	Brajenovic, M., et al. J. Biol. Chem. 279(13):12804-12811(2004).

Other Notes	Small volumes of anti-CT117 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-CT117 antibody
CT117 Antibody (N-term) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the CT117 antibody detected the CT117 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CT117. It may not necessarily be applicable to this product.

NCBI GI #	257467639
NCBI GeneID	140710
NCBI Accession #	NP_542194.2
UniProt Primary Accession #	O94964
UniProt Secondary Accession #	Q14DB2; Q5JW51; Q6ZTG8; A6NK10
UniProt Related Accession #	O94964
GenBank Nucleotide #	NM_080627.2
NCBI Official Full Name	protein SOGA1 isoform 1
NCBI Official Synonym Full Names	suppressor of glucose, autophagy associated 1
NCBI Official Symbol	SOGA1
NCBI Official Synonym Symbols	SOGA; KIAA0889; C20orf117
UniProt Protein Name	Protein SOGA1
UniProt Synonym Protein Names	SOGA family member 1; Suppressor of glucose by autophagy; Suppressor of glucose, autophagy-associated protein 1Cleaved into the following 2 chains:N-terminal form; C-terminal 80 kDa form; 80-kDa SOGA fragment
UniProt Gene Name	SOGA1
UniProt Synonym Gene Names	C20orf117; KIAA0889; SOGA; 80-kDa SOGA fragment
UniProt Entry Name	SOGA1_HUMAN
NCBI Protein Information	protein SOGA1; SOGA family member 1; suppressor of glucose by autophagy; suppressor of glucose from autophagy; suppressor of glucose, autophagy-associated protein 1

UniProt Comments for CT117	SOGA1: Regulates autophagy by playing a role in the reduction of glucose production in an adiponectin- and insulin-dependent manner. Belongs to the SOGA family. 4 isoforms of the human protein are produced by alternative splicing. Protein type: Autophagy Chromosomal Location of Human Ortholog: 20q11.23 Cellular Component: extracellular space Biological Process: negative regulation of gluconeogenesis; insulin receptor signaling pathway; regulation of autophagy
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