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[Primary Antibody]

Recombinant Rabbit Anti-ACSS2 Monoclonal Antibody

Catalog Number: SLA1451M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	8E4
GeneID:	55902
SWISS:	Q9NR19
Target:	ACSS2
Immunogen:	A synthesized peptide derived from human ACSS2
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) Flow-Cyt (1:50-100) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Rat
Predicted MW.:	79 kDa
Background:	Catalyzes the synthesis of acetyl-CoA from short-chain fatty acids.Acetate is the preferred substrate.Can also utilize propionate with a much lower affinity,Nuclear ACSS2 promotes glucose deprivation-induced lysosomal biogenesis and autophagy, tumor cell survival and brain tumorigenesis.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.