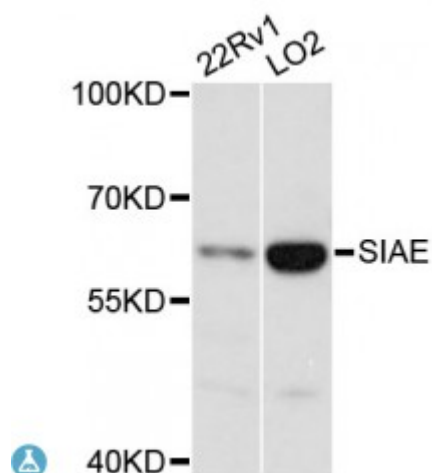


Anti-SIAE Antibody



Description

This gene encodes an enzyme which removes 9-O-acetylation modifications from sialic acids. Mutations in this gene are associated with susceptibility to autoimmune disease 6. Multiple transcript variants encoding different isoforms, found either in the cytosol or in the lysosome, have been found for this gene.

Model	STJ115183
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 270-450 of human SIAE (NP_733746.1).
Gene ID	54414
Gene Symbol	SIAE
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Widely expressed with high expression in the testis, prostate, and colon
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Sialate O-acetylsterase
Molecular Weight	58.315 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:18187OMIM:610079
Alternative Names	Sialate O-acetylesterase
Function	Catalyzes the removal of O-acetyl ester groups from position 9 of the parent sialic acid, N-acetylneuraminic acid
Cellular Localization	Lysosome, Secreted

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