SO Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	so, Polyclonal Antibody
Full Product Name	Anti-Fruit fly so Antibody
Product Gene Name	anti-SO antibody
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Fruit fly
Form/Format	Liquid Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Purity/Purification	Immunogen affinity purified.
Concentration	500ug/ml (lot specific)
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freeze-thaw cycles.
Molecular Weight	45,025 Da
3D Structure	ModBase 3D Structure for Q27350
Product Categories/Family for anti-SO antibody	Primary Antibodies, Rabbit Polyclonal Antibodies
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Related Product Information for anti-SO antibody	MBS1756037 is an antibody targeting SO. Also known as Anti-Fruit fly so Antibody. Reactive in Fruit fly. Host: Rabbit.
Other Notes	Small volumes of anti-SO 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.

ADDITIONAL DETAILS

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

NCBI GI #	17136492
NCBI GeneID	35662
NCBI Accession #	NP_476733.1
UniProt Primary Accession #	Q27350
UniProt Secondary Accession #	Q9V4L0; A0AVT8
UniProt Related Accession #	Q27350
GenBank Nucleotide #	NM_057385.5
NCBI Official Full Name	sine oculis

NCBI Official Synonym Full Names	sine oculis
NCBI Official Symbol	so
NCBI Official Synonym Symbols	ami; CG11121; DmelCG11121; Drl; mda; med; old; So; SO; somda
UniProt Protein Name	Protein sine oculis
Protein Family	Sodium/alanine symporter
UniProt Gene Name	so
NCBI Protein Information	CG11121 gene product from transcript CG11121-RA
UniProt Comments for SO	Required for visual system development. May transcriptionally regulate genes necessary for optic lobe invagination and Bolwig's nerve formation.
Research Articles on SO	**1.** Uncover a novel role for Eya and So in promoting cell cycle exit in the retinal second mitotic wave (SMW), a synchronized, terminal cell division that occurs several hours after passage of the furrow. We show that Combgap (Cg), a zinc-finger transcription factor, antagonizes Eya-So function in the SMW.
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