

AibGenesis™ Mouse Anti-D. melanogaster Aux Antibody (CBMOAB-02091FYA)

Cat. No.: CBMOAB-02091FYA

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Species Reactivity	Fruit fly (<i>Drosophila melanogaster</i>)
Clone	MO02091FYA
Specificity	This antibody binds to fruit fly Aux.
Format	Liquid or Lyophilized
Storage	Store at 4°C: short-term (1-2weeks) Store at -20°C: long-term and future use
Purity	> 90% was determined by SDS-PAGE
Purification	Purified with Protein A or G affinity chromatography
Cellular Localization	Golgi apparatus; Other locations

Application-Information

Application	WB, ELISA
Application Notes	ELISA: 1:1000-1:3000 Other applications are to be developed. The optimal dilution should be determined by the end user.

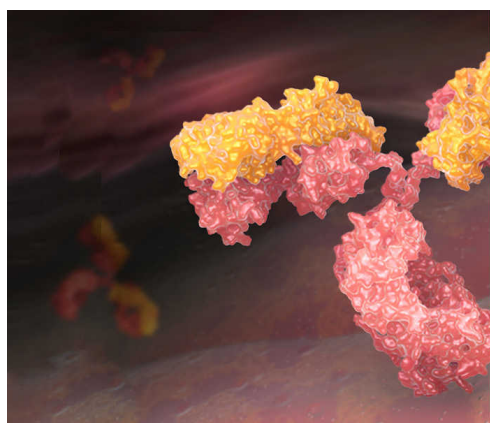
Target

Product Overview	Mouse Anti-D. melanogaster Aux Antibody is a mouse antibody against Aux. It can be used for Aux detection in Western Blot, Enzyme-Linked Immunosorbent Assay.
Alternative Names	Auxillin, isoform A; EC 2.7.11.-; Auxillin, isoform B; EC 2.7.11.-; SD05837p; aux; auxillin
UniProt ID	Q9VMY8

Protein Refseq

The length of the protein is 1165 amino acids long.

The sequence is show below: MGEFFKSLNLYFSSSEVNGAAGNGAPEALGGRLDNDVFGQVVEVAGHR
LRIKCVIAEGG YAFVYVAQDVQTGTEYALKRLIGADMQASTAIINEINIHKQLSGHENIVAFVGSSYTAPS TQL
GAQYLLLTCLCKGGSVDCFRTNNAPFNPTCVLRIFYQMARAVASLHSQSPPIAHRD IKIENFLIGNDKQIKL
CDFGSASTEVLSPTFEWSANQRSMLDQLNTVTTPMYRSPMLD TWSNNPIGPKVDI WALGCILYFLCYR
KHPYEDGGKLRINIANYMLPPDPQYQCFSDIIRG CLKVNPFERLDITMVLEGLAALAETHNWSLKGPLDLHI
MPIESLPAESPLKSSAYSEVYT EPLSAAIPSSYNHGHSLLSSLRGGAGTLLKNIKDTSTKVMQTMQQSLARN
DLDISHITSR ILVMPCPSDGFESTYKTNNIEDVRLSLESRFVPQKLSIYNFGQRTEPRLPPPVRTVEAGS VY
GCPQAHAPNLQGLFTVSADMYNFLNADPKSVVIVQTGDSGGCTAATVICALLMYADLL REPEDAVQVFAVK
RHTINLRPSEFRYLYYFGDILRPTPLLPHYKNTTLVLSLSCQPVPRMT KARDGCRIYMEVYCNGNLLLSTLQD
YEKMRLYQAGPGKIVLPINLTACGDVTVVLFHARK GMVRPQGLKICQFQFNTGFIPEPETLITFTNQDLDDLPL
DPEQVTFRFCVSLSLAVTDSSES PPSHKPPWMPAKPKRSPAALFSSDLEYAEMLDNFVTKPSTRSSPPPGA
RKSDRVSSPLVL PDVTETAHELPSPMPEPSPPIDLLNLNQPSDVPAADPLTSAPKSTDASFLLGAFGDD
D STGIGSAPIPDILPPPPLQQPQPKINNDPFDIFGSVDQGGVPSMKPSGFPFVGSPLTFV AQPAATTNPSP
THPARASADPFANIADLATGLNLFNRSTLSGKSPVNTSPQPTQFSSPT HKPSPSSQPQATFMHTPTPTQT
LPSTSSIRTPTQPQAVPAQSRPDYSRLHFDSQKAAQQP GTGGSKNSDIFADILGQQGYSGSKMNQCPRS
INEMRKEDLFKDMDPKKVRIMEWTDGKK NNIRALLCSMHTVLWDNAKWQRCCEMSTMVTPTEVKKAYRRA
CLAVHPDKHNGTENEEIAK LIFMELNNAWTD FENDATQQNMFNA.



AibGenesis™

is an advanced AI-driven platform designed to create novel antibody sequences with unprecedented speed and precision. By integrating deep learning, structure prediction, and comprehensive immunological datasets, **AibGenesis™** intelligently designs antibodies optimized for affinity, stability, and developability. The platform generates antibody products that support basic scientific research, drug development, and diagnostic applications.