

Mouse F-box only protein 32 (FBXO32) ELISA Kit | FBXO32 elisa kit

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CATALOG #
AAA244881

REACTIVITY
Mouse

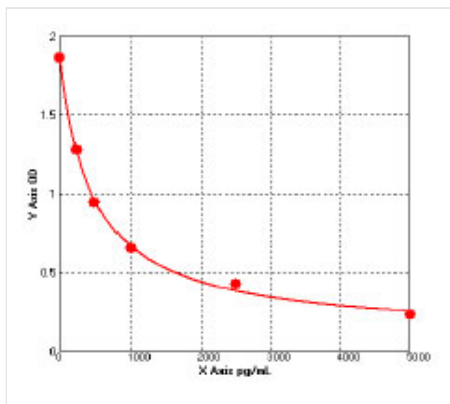
PRODUCT SYNONYMS

F-box only protein 32 (FBXO32); Mouse F-box only protein 32 (FBXO32) ELISA Kit; FBXO32 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FBXO-32. No significant cross-reactivity or interference between FBXO-32 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FBXO-32 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FBXO32 elisa kit	Principle of the Assay: FBXO-32 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FBXO-32 antibody and an FBXO-32-HRP conjugate. The assay sample and buffer are incubated together with FBXO-32-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the FBXO-32 concentration since FBXO-32 from samples and FBXO-32-HRP conjugate compete for the anti-FBXO-32 antibody binding site. Since the number of sites is limited, as more sites are occupied by FBXO-32 from the sample, fewer sites are left to bind FBXO-32-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FBXO-32 concentration in each sample is interpolated from this standard curve. Intended Uses: This FBXO-32 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse FBXO-32. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for FBXO32 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	335057520
NCBI GeneID	114907
NCBI Accession #	NP_001229392.1
NCBI GenBank Nucleotide #	NM_001242463.1
Molecular Weight	30,804 Da
NCBI Official Full Name	F-box only protein 32 isoform 3
NCBI Official Synonym Full Names	F-box protein 32
NCBI Official Symbol	FBXO32
NCBI Official Synonym Symbols	Fbx32; MAFbx
NCBI Protein Information	F-box only protein 32; atrogin 1; atrogin-1; muscle atrophy F-box protein
UniProt Protein Name	F-box only protein 32
UniProt Gene Name	FBXO32
UniProt Synonym Gene Names	MAFbx
UniProt Entry Name	FBX32_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/f-box-only-protein-32-fbxo32/244881>