

Mouse AP-4 complex subunit mu-1 (AP4M1) ELISA Kit | AP4M1 elisa kit

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CATALOG #
AAA246720

REACTIVITY
Mouse

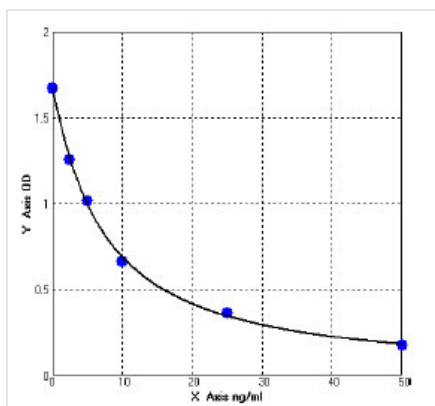
PRODUCT SYNONYMS

AP-4 complex subunit mu-1 (AP4M1); Mouse AP-4 complex subunit mu-1 (AP4M1) ELISA Kit; AP4M1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of AP4M1. No significant cross-reactivity or interference between AP4M1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between AP4M1 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AP4M1 elisa kit	Intended Uses: This AP4M1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse AP4M1. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: AP4M1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-AP4M1 antibody and an AP4M1-HRP conjugate. The assay sample and buffer are incubated together with AP4M1-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 AP4M1 concentration since AP4M1 from samples and AP4M1-HRP conjugate compete for the anti-AP4M1 antibody binding site. Since the number of sites is limited, as more sites are occupied by AP4M1 from the sample, fewer sites are left to bind AP4M1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AP4M1 concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14917111
NCBI GeneID	9179
NCBI Accession #	NP_004713.2
NCBI GenBank Nucleotide #	NM_004722.3
Molecular Weight	49,977 Da
NCBI Official Full Name	AP-4 complex subunit mu-1
NCBI Official Synonym Full Names	adaptor-related protein complex 4, mu 1 subunit
NCBI Official Symbol	AP4M1
NCBI Official Synonym Symbols	MU-4; CPSQ3; SPG50; MU-ARP2
NCBI Protein Information	AP-4 complex subunit mu-1; mu4; mu4-adaptin; mu subunit of AP-4; mu-adaptin-related protein 2; mu-adaptin-related protein-2; AP-4 adaptor complex mu subunit; adapter-related protein complex 4 mu-1 subunit; adapter-related protein complex 4 subunit mu-1; adaptor-related protein complex 4 subunit mu-1; adaptor-related protein complex AP-4 mu4 subunit
UniProt Protein Name	AP-4 complex subunit mu-1
UniProt Gene Name	AP4M1
UniProt Synonym Gene Names	MUARP2; mu-ARP2; mu4
UniProt Entry Name	AP4M1_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.