

Human Ubiquitin-associated protein 2 (UBAP2) ELISA Kit



Catalog No: #EK5956

Orders: order@signalwayantibody.com

Package Size: #EK5956-1 48T #EK5956-2 96T

Support: tech@signalwayantibody.com

Description

Product Name	Human Ubiquitin-associated protein 2 (UBAP2) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	RP11-176F3.6; FLJ22435; FLJ43947; FLJ46567; KIAA1491; bA176F3.5; AD-012 protein OTTHUMP00000000473
Accession No.	Q5T6F2
Uniprot	Q5T6F2
GeneID	55833;
Storage	The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).

Application Details

Detect Range:0.312-20 ng/mL

Sensitivity:0.136 ng/mL

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate UBAP2 in samples. An antibody specific for UBAP2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyUBAP2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for UBAP2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of UBAP2 bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:Ubiquitin-associated protein 2 is a novel gene isolated based on its expression in the human adrenal gland. The full-length protein encoded by this gene contains a UBA-domain (ubiquitin associated domain), which is a motif found in several proteins having connections to ubiquitin and the ubiquitination pathway.

In addition, the protein contains a region similar to a domain found in members of the atrophin-1 family. The function of this protein has not been determined. Additional alternate splice variants may exist, but their full length nature has not been determined.

Note: This product is for in vitro research use only