

Rat Heterogeneous nuclear ribonucleoprotein Q (SYNCRIP) ELISA Kit

Catalog No: #EK6734

Orders: order@signalwayantibody.com

Package Size: #EK6734-1 48T #EK6734-2 96T

Support: tech@signalwayantibody.com

Description

Product Name	Rat Heterogeneous nuclear ribonucleoprotein Q (SYNCRIP) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Rat (<i>Rattus norvegicus</i>)
Other Names	FLJ31626; GRY-RBP; GRYRBP; HNRPQ1; NSAP1; PP68; dJ3J17.2; hnRNP-Q; NS1-associated protein 1 glycine- and tyrosine-rich RNA-binding protein heterogeneous nuclear ribonucleoprotein Q
Accession No.	Q7TP47
Uniprot	Q7TP47
GeneID	363113;
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:Request Information

Sensitivity:Request Information

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 SYNCRIP in samples. An antibody specific for SYNCRIP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anySYNCRIP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SYNCRIP 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 SYNCRIP bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:SYNCRIP detected in heart, brain, pancreas, placenta, spleen, lung, liver, skeletal muscle, kidney, thymus, prostate, uterus, small intestine, colon, peripheral blood and testis.Heterogenous nuclear ribonucleoprotein (hnRNP) implicated in mRNA processing mechanisms. Isoform 1, isoform 2 and isoform 3 are associated in vitro with pre-mRNA, splicing intermediates and mature mRNA protein complexes. Isoform 1 binds to apoB mRNA AU-rich sequences. Isoform 1 is part of the APOB mRNA editosome complex and may modulate the postranscriptional C to U RNA-editing of the APOB mRNA through either by binding to A1CF (APOBEC1 complementation factor), to APOBEC1 or to RNA itself. May be involved in translationally coupled mRNA turnover.

Note: This product is for in vitro research use only