Mouse 182 kDa tankyrase-1-binding protein (TNKS1BP1) ELISA Kit

Catalog No: #EK6175

Package Size: #EK6175-1 48T #EK6175-2 96T

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Mouse 182 kDa tankyrase-1-binding protein (TNKS1BP1) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Mouse (Mus musculus)
Other Names	FLJ45975; KIAA1741; TAB182; tankyrase 1-binding protein 1|tankyrase 1-binding protein of 182 kDa
Accession No.	P58871
Uniprot	P58871
GeneID	228140;
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 TNKS1BP1 in samples. An antibody specific for TNKS1BP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyTNKS1BP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNKS1BP1 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 TNKS1BP1 bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:TNKS1BP1, has a calculated molecular mass of 182 kD. It is predicted to contain 2 basic regions at its N and C termini and a large internal acidic region. The C terminus also contains 2 potential nuclear localization signals. Northern blot analysis detected transcripts of 7, 4.4, and 2.3 kb in multiple tissues, with highest expression in testis, ovary, and lung, and minimal expression in brain and peripheral blood leukocytes. By immunolocalization of endogenous TAB182 in 2 human cell lines, Seimiya and Smith (2002) found TAB182 in the cytoplasm, where it colocalized with cortical actin, and in the nucleus. The nuclear staining was similar to that found for heterochromatin proteins. In a synchronized population of HeLa cells, TAB182 associated with chromosomes throughout mitosis.

Note: This product is for in vitro research use only