

TNKS2 Polyclonal Antibody

Cat No: HR1AP12453

For research use only

Overview

Product Name	TNKS2 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Mouse
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	128kDa
GeneID?Human?	TNKS2 PARP5B TANK2 TNKL
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	
Background	<p>catalytic activity:NAD(+) + (ADP-D-ribosyl)(n)-acceptor = nicotinamide + (ADP-D-ribosyl)(n+1)-acceptor.,function:May regulate vesicle trafficking and modulate the subcellular distribution of SLC2A4/GLUT4-vesicles. Has PARP activity and can modify TRF1, and thereby contribute to the regulation of telomere length.,PTM:ADP-ribosylated (-auto).,similarity:Contains 1 PARP catalytic domain.,similarity:Contains 1 SAM (sterile alpha motif) domain.,similarity:Contains 15 ANK repeats.,subcellular location:Associated with the Golgi and with juxtannuclear SLC2A4/GLUT4-vesicles. Also found around the pericentriolar matrix of mitotic centromeres. During interphase, a small fraction of TNKS2 is found in the nucleus, associated with TRF1.,subunit:Oligomerizes and associates with TNKS. Interacts with the cytoplasmic domain of LNPEP/Otase in SLC2A4/GLUT4-vesicles. Binds to the N-terminus of Grb14 and TRF1 with its ankyrin repeat region.,tissue specificity:Highly expressed in placenta, skeletal muscle, liver, brain, kidney, heart, thymus, spinal cord, lung, peripheral blood leukocytes, pancreas, lymph nodes, spleen, prostate, testis, ovary, small intestine, colon, mammary gland, breast and breast carcinoma, and in common-type meningioma. Highly expressed in fetal liver, heart and brain.,</p>