Product Name: SgK288 Rabbit Polyclonal Antibody
Catalog #: APRab17822
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:10000-1:20000
Molecular Weight	84kDa

Antigen Information

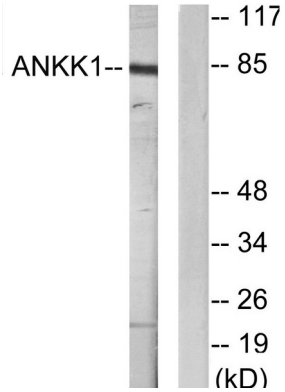
Gene Name	ANKK1
Alternative Names	ANKK1; PKK2; SGK288; Ankyrin repeat and protein kinase domain-containing protein 1; Protein kinase PKK2; Sugen kinase 288; SgK288; X-kinase
Gene ID	255239.0
SwissProt ID	Q8NFD2
Immunogen	The antiserum was produced against synthesized peptide derived from human ANKK1. AA range:321-370

Background

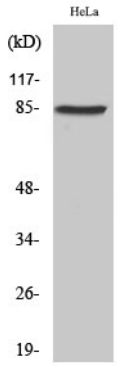
The protein encoded by this gene belongs to the Ser/Thr protein kinase family, and protein kinase superfamily involved in signal transduction pathways. This gene is closely linked to DRD2 gene (GeneID:1813) on chr 11, and a well studied restriction fragment length polymorphism (RFLP) designated TaqIA, was originally associated with the DRD2 gene, however, later was determined to be located in exon 8 of ANKK1 gene (PMIDs: 18621654, 15146457), where it causes a nonconservative amino acid substitution. It is not clear if this gene plays any role in neuropsychiatric disorders previously associated with Taq1A RFLP. [provided by RefSeq, Sep 2009],catalytic activity:ATP + a protein = ADP + a phosphoprotein.,similarity:Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,similarity:Contains 12 ANK repeats.,tissue specificity:Highly expressed in brain and weakly expressed in placenta and spinal cord.,

Research Area

Image Data



Western blot analysis of lysates from HeLa cells, using ANKK1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using SgK288 Polyclonal Antibody