

## SgK288 Polyclonal Antibody

<b>Catalog No :</b>	YT4272
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	SgK288
<b>Gene Name :</b>	ANKK1
<b>Protein Name :</b>	Ankyrin repeat and protein kinase domain-containing protein 1
<b>Human Gene Id :</b>	255239
<b>Human Swiss Prot No :</b>	Q8NFD2
<b>Mouse Swiss Prot No :</b>	Q8BZ25
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human ANKK1. AA range:321-370
<b>Specificity :</b>	SgK288 Polyclonal Antibody detects endogenous levels of SgK288 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	84kD

**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],

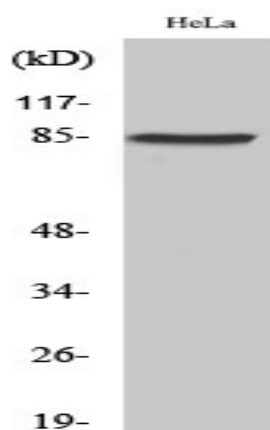
**Function :**

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.,

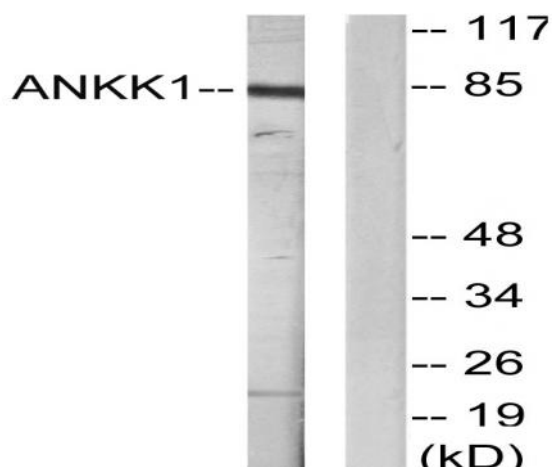
**Expression :**

Highly expressed in brain and weakly expressed in placenta and spinal cord.

## Products Images



Western Blot analysis of various cells using SgK288 Polyclonal Antibody



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