ELK Biotechnology

SgK288 rabbit pAb

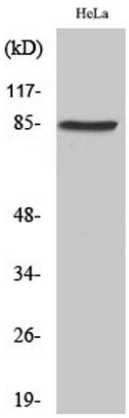
Cat No.:ES3433

For research use only

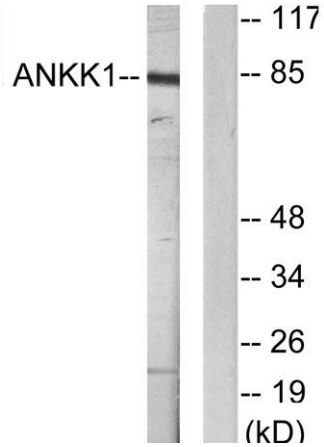
Overview

Product Name	SgK288 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human ANKK1. AA range:321-370
Specificity	SgK288 Polyclonal Antibody detects endogenous levels of SgK288 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Ankyrin repeat and protein kinase domain-containing protein 1
Gene Name	ANKK1
Cellular localization	
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	84kD
Human Gene ID	255239
Human Swiss-Prot Number	Q8NFD2
Alternative Names	ANKK1; PKK2; SGK288; Ankyrin repeat and protein kinase domain-containing protein 1; Protein kinase PKK2; Sugen kinase 288; SgK288; X-kinase
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],



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.