ANKK1 Antibody

Catalog No: #33977

Package Size: #33977-1 50ul   #33977-2 100ul
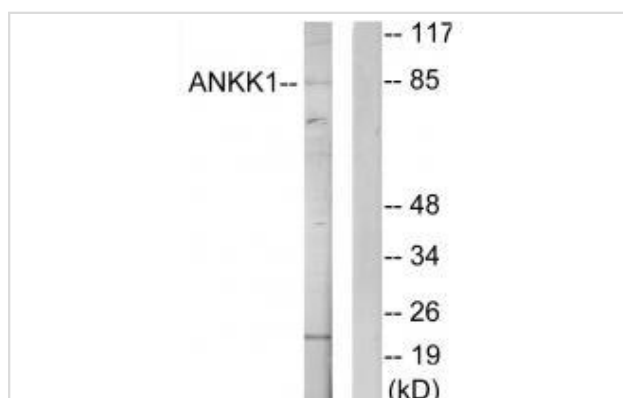
Description

Product Name	ANKK1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ANKK1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human ANKK1.
Target Name	ANKK1
Other Names	Ankyrin repeat and protein kinase domain-containing protein 1; EC 2.7.11.1; Protein kinase PKK2; X-kinase; Sugen kinase 288
Accession No.	Swiss-Prot: Q8NFD2NCBI Gene ID: 255239
Uniprot	Q8NFD2
GeneID	255239;
SDS-PAGE MW	84kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images

Western blot analysis of extracts from HeLa cells, using
ANKK1 antibody #33977.

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.

Neville M.J., Hum. Mutat. 23:540-545(2004).

Dubertret C., Schizophr. Res. 67:75-85(2004).

Manning G., Science 298:1912-1934(2002).

Note: This product is for in vitro research use only