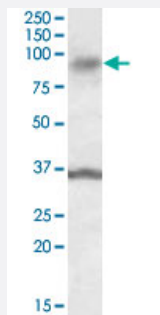


ANKK1 polyclonal antibody

Catalog # PAB18698 Size 100 ug

Applications



Western Blot (Tissue lysate)

ANKK1 polyclonal antibody (Cat # PAB18698) (0.1 ug/mL) staining of human substantia nigra lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of ANKK1.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human ANKK1.
Sequence	C-SRQADPNLHEAEGKT
Host	Goat
Theoretical MW (kDa)	85
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:128000) Western Blot (0.1-0.3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — ANKK1

Entrez GeneID[255239](#)**Protein Accession#**[NP_848605.1](#)**Gene Name**

ANKK1

Gene Alias

PKK2

Gene Description

ankyrin repeat and kinase domain containing 1

Omim ID[608774](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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 Taq1A, 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]

Other Designations

X-kinase|protein kinase PKK2

Disease

- [Alcoholism](#)

- [Antisocial Personality Disorder](#)
- [Arousal](#)
- [Attention](#)
- [Brain Injuries](#)
- [Choice Behavior](#)
- [Cocaine-Related Disorders](#)
- [Conditioning \(Psychology\)](#)
- [Cues](#)
- [Disease Susceptibility](#)
- [Electroshock](#)
- [Esophageal Neoplasms](#)
- [Extinction](#)
- [Fatigue](#)
- [Galvanic Skin Response](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hyperphagia](#)
- [Kidney Failure](#)
- [Laryngeal Neoplasms](#)
- [Learning](#)
- [Memory](#)
- [Mental Disorders](#)
- [Mental Processes](#)
- [Mouth Neoplasms](#)
- [Nervous System Diseases](#)
- [Neuropsychological Tests](#)

- [Obesity](#)
- [Opioid-Related Disorders](#)
- [Ovarian Failure](#)
- [Parkinson disease](#)
- [Pattern Recognition](#)
- [Pharyngeal Neoplasms](#)
- [Polycystic Ovary Syndrome](#)
- [Probability Learning](#)
- [Psychiatric Status Rating Scales](#)
- [Puberty](#)
- [Reaction Time](#)
- [Reinforcement \(Psychology\)](#)
- [Reward](#)
- [Schizophrenia](#)
- [Substance-Related Disorders](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Weight Gain](#)