



# Anti-ANKK1 (internal region) polyclonal antibody (DPAB-DC1214)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids at internal region of human ANKK1. The sequence is C-SRQADPNLHEAEGKT
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Tissue lysate), ELISA,
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
<b>Preservative</b>	0.02% Sodium Azide

**Storage**

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

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## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ANKK1 ankyrin repeat and kinase domain containing 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	ANKK1
<b>Synonyms</b>	ANKK1; ankyrin repeat and kinase domain containing 1; PKK2; ankyrin repeat and protein kinase domain-containing protein 1; sgK288; X-kinase; sugen kinase 288; protein kinase PKK2;
<b>Entrez Gene ID</b>	<a href="#">255239</a>
<b>Protein Refseq</b>	<a href="#">NP_848605</a>
<b>UniProt ID</b>	<a href="#">Q8NFD2</a>
<b>Chromosome Location</b>	11q23.2
<b>Function</b>	ATP binding; protein serine/threonine kinase activity;

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