

DNAxPab

Hard-to-Find
Antibody

KCNIP4 DNAxPab

Catalog # H00080333-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human KCNIP4 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MNVRVESISAQLEEASSTGGFLYAQNSTKRSIKERLMKLLPCSAAKTSSPAIQNSVEDELEMATV RHRPEALELLEAQSKFTKKELQILYRGFKNECPSGVVNEETFKEISQFFPQGDSTTYAHFLFNAF DTDHNGAVSFEDFIKGLSILLRGTVQEKLNWAFNLYDINKDGYITKEEMLDIMKAYDMMGKCTYPV LKEDAPRQHVETFFQKMDKNKDGVVITDEFIESCQKDENIMRSMQLFENVI
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — KCNIP4

Entrez GeneID [80333](#)

GeneBank Accession# [NM_025221.5](#)

Protein Accession# [NP_079497.2](#)

Gene Name KCNIP4

Gene Alias CALP, KCHIP4, MGC44947

Gene Description Kv channel interacting protein 4

Omim ID [608182](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the family of voltage-gated potassium (Kv) channel-interacting proteins (KCNIPs), which belong to the recoverin branch of the EF-hand superfamily. Members of the KCNIP family are small calcium binding proteins. They all have EF-hand-like domains, and differ from each other in the N-terminus. They are integral subunit components of native Kv4 channel complexes. They may regulate A-type currents, and hence neuronal excitability, in response to changes in intracellular calcium. This protein member also interacts with presenilin. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000158705|a-type potassium channel modulatory protein 4|calsenilin-like protein|potassium channel interacting protein 4|potassium channel-interacting protein 4

Disease

- [Brain Ischemia](#)
- [Celiac Disease](#)
- [Drug-Induced Liver Injury](#)
- [Genetic Predisposition to Disease](#)
- [Stroke](#)
- [Tobacco Use Disorder](#)