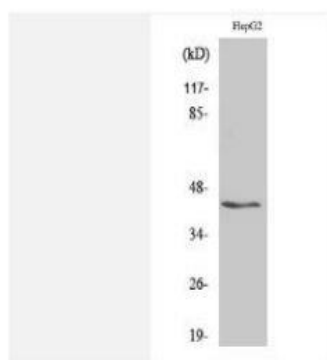


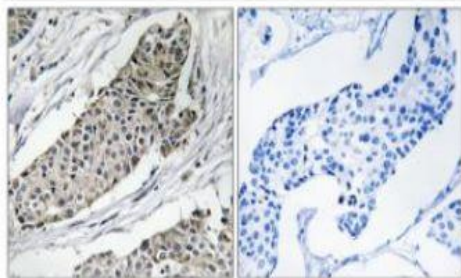
KV β 3 Polyclonal Antibody

Catalog No.	IPB4156
Reactivity	Human; Mouse; Rat
Applications	WB; IHC; ELISA
Dilution	WB: 1:500-1:2000 IHC: 1:50-1:200 ELISA: 1:10000
Gene Name	KCNAB3
Protein Name	Voltage-gated potassium channel subunit beta-3
Human Gene Id	9196
Swiss-Prot	O43448
Formulation	Liquid in PBS containing 50% glycerol, 05% BSA and 002% sodium azide
Source	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
Subcellular Location	Cytoplasm
MW	43670
Background	Potassium channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume Four sequence-related potassium channel genes - shaker, shaw, shab, and shal - have been identified in Drosophila, and each has been shown to have human homolog(s) This gene encodes a member of the potassium channel, voltage-gated, shaker-related subfamily This member includes distinct isoforms which are encoded by alternatively spliced transcript variants of this gene

Products Images:



Western Blot analysis of various cells using KV β .3 Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using KCNAB3 Antibody. The picture on the right is blocked with the synthesized peptide.