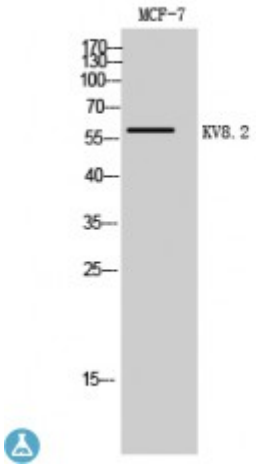
Anti-KV8.2 antibody



Description	Rabbit polyclonal to KV8.2.

Model	STJ93880
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human KV8.2
Immunogen Region	160-240 aa, Internal
Gene ID	169522
Gene Symbol	KCNV2
Dilution range	WB 1:500-1:2000ELISA 1:20000
Specificity	KV8.2 Polyclonal Antibody detects endogenous levels of KV8.2 protein.
Tissue Specificity	Detected in lung, liver, kidney, pancreas, spleen, thymus, prostate, testis, ovary and colon.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Potassium voltage-gated channel subfamily V member 2 Voltage-gated potassium channel subunit Kv8.2
Molecular Weight	62 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:19698OMIM:607604
Alternative Names	Potassium voltage-gated channel subfamily V member 2 Voltage-gated potassium channel subunit Kv8.2
Function	Potassium channel subunit. Modulates channel activity by shifting the threshold and the half-maximal activation to more negative values.
Sequence and Domain Family	The segment S4 is probably the voltage-sensor and is characterized by a series of positively charged amino acids at every third position.
Cellular Localization	Cell membrane. Multi-pass membrane protein. Has to be associated with KCNB1 or possibly another partner to get inserted in the plasma membrane. Remains intracellular in the absence of KCNB1.