

TASK-1 rabbit pAb**Cat#: orb771246 (Manual)**

For research use only. Not intended for diagnostic use.

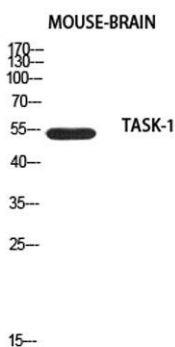
Product Name	TASK-1 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human TASK-1. AA range:47-96
Specificity	TASK-1 Polyclonal Antibody detects endogenous levels of TASK-1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Potassium channel subfamily K member 3
Gene Name	KCNK3
Cellular localization	Cell membrane ; Multi-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

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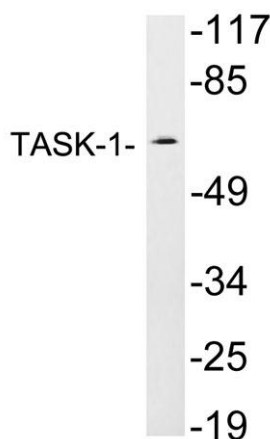
Concentration	1 mg/ml
Observed band	53kD
Human Gene ID	3777
Human Swiss-Prot Number	O14649
Alternative Names	KCNK3; TASK; TASK1; Potassium channel subfamily K member 3; Acid-sensitive potassium channel protein TASK-1; TWIK-related acid-sensitive K(+) channel 1; Two pore potassium channel KT3.1; Two pore K(+) channel KT3.1

Background

This gene encodes a member of the superfamily of potassium channel proteins that contain two pore-forming P domains. The encoded protein is an outwardly rectifying channel that is sensitive to changes in extracellular pH and is inhibited by extracellular acidification. Also referred to as an acid-sensitive potassium channel, it is activated by the anesthetics halothane and isoflurane. Although three transcripts are detected in northern blots, there is currently no sequence available to confirm transcript variants for this gene. [provided by RefSeq, Aug 2008],



Western blot analysis of mouse-brain using TASK-1 antibody. Antibody was diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysates from JAR cells, using TASK-1 antibody.



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