



KCTD3 Rabbit mAb

Catalog No	YP-rAb-17672
Isotype	IgG
Reactivity	Human
Applications	WB
Gene Name	KCTD3
Protein Name	BTB/POZ domain-containing protein KCTD3;Renal carcinoma antigen NY-REN-45;
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	WB 1:1000-5000
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	KCTD3;BTB/POZ domain-containing protein KCTD3;Renal carcinoma antigen NY-REN-45;KCTD3 ; BTB/POZ domain-containing protein KCTD3 ; Renal carcinoma antigen NY-REN-45
Observed Band	90kD
Calculated Molecular Weight	
Cell Pathway	Cell membrane.
Tissue Specificity	Broadly expressed in normal tissues. {ECO:0000269 PubMed:10508479}.
Function	Accessory subunit of potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 3 (HCN3) up-regulating its cell-surface expression and current density without affecting its voltage dependence and kinetics. {ECO:0000250 UniProtKB:Q8BFX3}.
Background	This gene encodes a member of the potassium channel tetramerization-domain containing (KCTD) protein family. Members of this protein family regulate the biophysical characteristics of ion channels. In mouse, this protein interacts with hyperpolarization-activated cyclic nucleotide-gated channel complex 3 and enhances its cell surface expression and current density. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016],

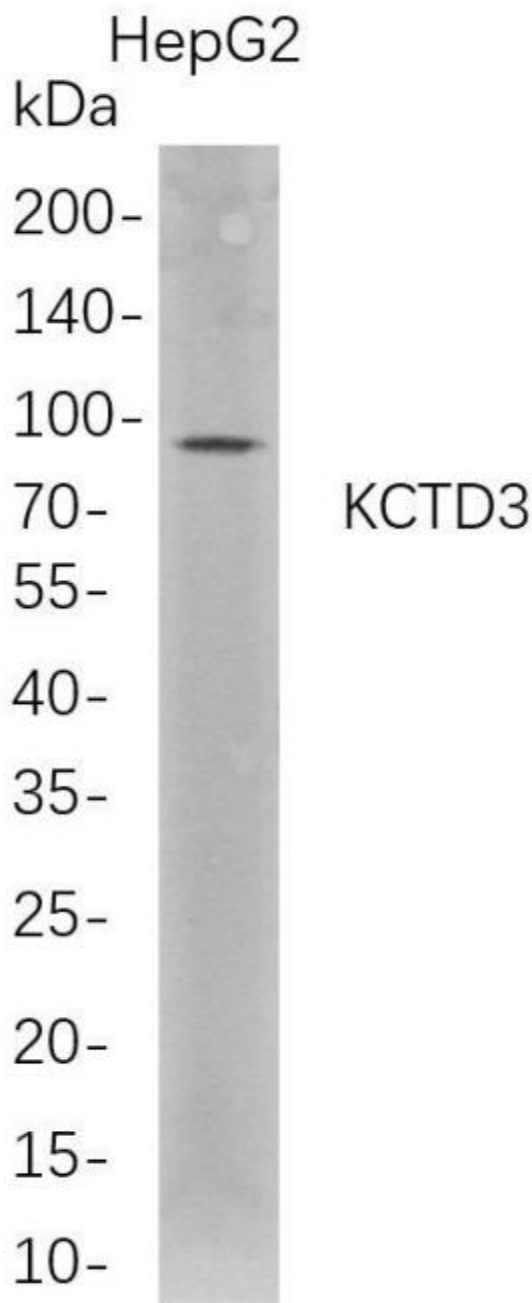


matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Western Blot analysis of HepG2 whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-KCTD3 rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

