
Product Name: KD-Validated KCTD3 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA00336**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000
Molecular Weight	Calculated MW: 89.0kDa

Antigen Information

Gene Name	KCTD3 KCTD3; Potassium Channel Tetramerization Domain Containing 3; NY-REN-45; Potassium
Alternative Names	Channel Tetramerisation Domain Containing 3; BTB/POZ Domain-Containing Protein KCTD3; Renal Carcinoma Antigen NY-REN-45; NY-REN-45 Antigen
Gene ID	51133.0
SwissProt ID	Q9Y597
Immunogen	Recombinant protein of human KCTD3

Background

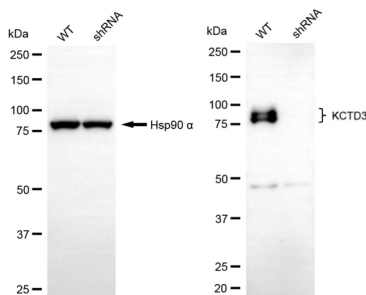
This gene encodes a member of the potassium channel tetramerization-domain containing (KCTD) protein family. Members of this protein family regulate the biophysical characteristics of ion channels. In mouse, this protein interacts with

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]

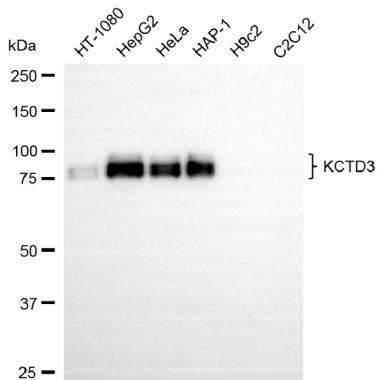
Research Area

Neuroscience, Cell Biology, Cancer

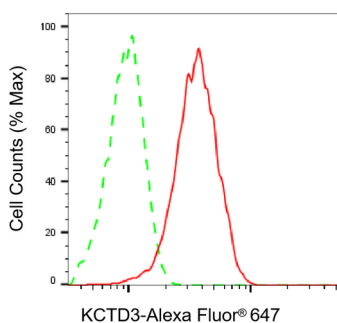
Image Data



Western blotting analysis using KCTD3 antibody (KVA00336). KCTD3 expression in wild-type (WT) and KCTD3 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with KCTD3 antibody (KVA00336, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using KCTD3 antibody (KVA00336). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with KCTD3 antibody (KVA00336, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Flow cytometric analysis of KCTD3 expression in HepG2 cells using KCTD3 antibody (KVA00336, 1:2,000). Green, isotype control; red, KCTD3.