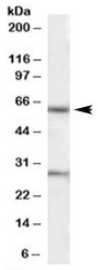
# KCNQ1 Antibody (R33938)

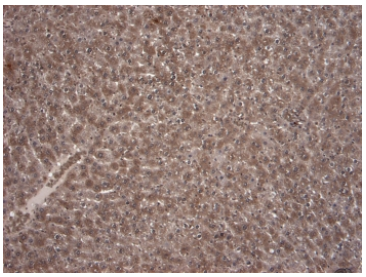
| Catalog No. | Formulation | Size |
|---|---|---|
| R33938-100UG | 0.5 mg/ml in 1X TBS, pH7.3, with 0.5% BSA (US sourced) and 0.02% sodium azide | 100 ug |

**Bulk quote request**

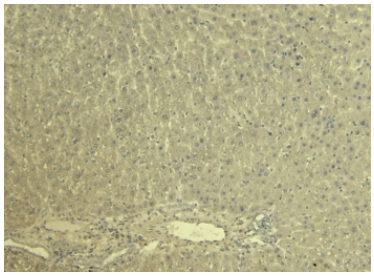
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human, Rat |
| **Predicted Reactivity** | Cow, Dog, Mouse |
| **Format** | Antigen affinity purified |
| **Host** | Goat |
| **Clonality** | Polyclonal (goat origin) |
| **Isotype** | Goat Ig |
| **Purity** | Antigen affinity |
| **Gene ID** | 3784 |
| **Applications** | Western blot: 1-3ug/ml<br>Immunohistochemistry (FFPE): 8-10ug/ml<br>ELISA (peptide) LOD: 1:16000 |
| **Limitations** | This KCNQ1 antibody is available for research use only. |




Western blot testing of human heart lysate with KCNQ1 antibody at 1ug/ml. Predicted molecular weight ~75/61 kDa (isoforms). Both observed bands are blocked by addition of the immunizing peptide.



IHC staining of FFPE rat liver tissue with KCNQ1 antibody at 8ug/ml. Required HIER: steamed antigen retrieval with pH6 citrate buffer.



Negative control: IHC staining of FFPE rat liver tissue without KCNQ1 antibody. Required HIER: steamed antigen retrieval with pH6 citrate buffer.

## Description

Additional name(s) for this target protein: Potassium voltage-gated channel, KQT-like subfamily, member 1

## Application Notes

Optimal dilution of the KCNQ1 antibody should be determined by the researcher.

## Immunogen

Amino acids EQLTVPRRGPDEGS were used as the immunogen for this KCNQ1 antibody.

## Storage

Aliquot and store the KCNQ1 antibody at -20oC.



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