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# KCNU1 Polyclonal Antibody

**Cat #:** G-AB-03868

**Host:** Rabbit **Reactivity:** Human

**Isotype:** IgG **Clonality:** Polyclonal

**Overview:**
This gene encodes a member of the potassium channel family of proteins. The encoded voltage-gated ion channel allows the outward flow of potassium ions during plasma membrane hyperpolarization in sperm. Opening of this channel may be regulated by calcium ion levels. Homozygous knockout mice that lack the related mouse gene exhibit male sterility. Alternative splicing results in multiple transcript variants.

**Gene ID:**

**Accession #:** NP001027006

**Immunogen:** Synthetic peptide of human KCNU1

**Conjugation:** Unconjugated

**Swissprot:** A8MYU2

**Calculated Molecular Weight:**

**Observed Molecular Weight:**

**Concentration:** 1.26 mg/mL

**Buffer:** PBS with 0.05% NaN3 and 40% Glycerol, pH7.4

**Purification Method:** Antigen affinity purification

**Application:** IHC,ELISA

**Dilution:** IHC 1:50-1:300, ELISA 1:5000-1:10000

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.