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# Product datasheet for TA326482

## Kv1.2 (KCNA2) Mouse Monoclonal Antibody [Clone ID: S14-16]

### Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Clone Name:** | S14-16 |
| **Applications:** | IHC |
| **Recommended Dilution:** | WB: 1ug/ml, IHC: 0.1-1ug/ml, IF: 1-10ug/ml |
| **Reactivity:** | Human, Mouse, Rat, Zebrafish, Xenopus |
| **Host:** | Mouse |
| **Isotype:** | IgG2b |
| **Clonality:** | Monoclonal |
| **Immunogen:** | Fusion protein amino acids 428-499 (cytoplasmic C-terminus) of rat Kv1.2 |
| **Formulation:** | PBS pH7.4, 50% glycerol, 0.09% sodium azide |
| **Concentration:** | lot specific |
| **Purification:** | Protein G Purified |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store at -20°C as received. |
| **Stability:** | Stable for 12 months from date of receipt. |
| **Gene Name:** | potassium voltage-gated channel subfamily A member 2 |
| **Database Link:** | NP_004965<br>Entrez Gene 16490 MouseEntrez Gene 25468 RatEntrez Gene 3737 Human<br>P16389 |
| **Background:** | Voltage gated channels are tetrameters composed of four alpha-subunits arranged around a central pore. Each alphasubunit consists of six transmembrane segments with cytoplasmic NH2 and COOH-termini. Members of the KV1- KV4 subfamilies generate functional K+ channels in a homotetrameric configuration . |
| **Synonyms:** | EIEE32; HBK5; HK4; HUKIV; KV1.2; MK2; NGK1; RBK2 |
| **Note:** | Detects ~80kDa. No cross-reactivity against Kv1.1, 1.3, 1.4 or 1.6 expressed in transfected cells. |
| **Protein Families:** | Druggable Genome, Ion Channels: Potassium, Transmembrane |

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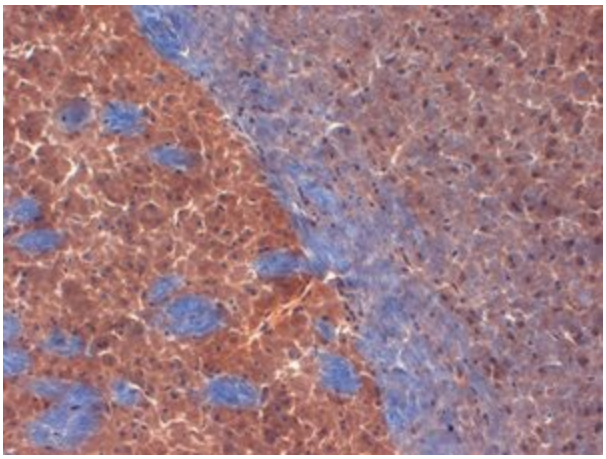
## Product images:



IHC analysis of Kv1.2 in frozen sections of mouse brain extract using the antibody