

## FXYD1 Polyclonal Antibody

catalog number: E-AB-10954

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

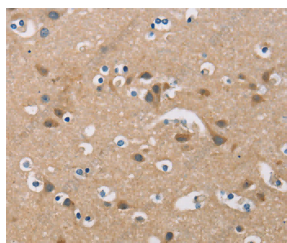
| Description  |                                                                                    |
|--------------|------------------------------------------------------------------------------------|
| Reactivity   | Human;Mouse;Rat                                                                    |
| Immunogen    | Recombinant protein of human FXYD1                                                 |
| Host         | Rabbit                                                                             |
| Isotype      | Rabbit IgG                                                                         |
| Purification | Affinity purification                                                              |
| Buffer       | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |
| Applications | Recommended Dilution                                                               |
| WB           | 1:500-1:2000                                                                       |
| IHC          | 1:50-1:200                                                                         |

## Data

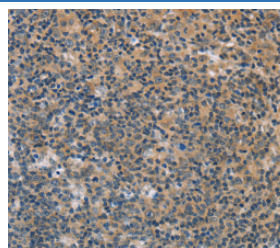


Western Blot analysis of Mouse brain and heart tissue using FXYD1 Polyclonal Antibody at dilution of 1:1290

Calculated-MW: 10 kDa



Immunohistochemistry of paraffin-embedded Human brain using FXYD1 Polyclonal Antibody at dilution of 1:60



Immunohistochemistry of paraffin-embedded Human tonsil using FXYD1 Polyclonal Antibody at dilution of 1:60

## Preparation & Storage

|                 |                                                                                                          |
|-----------------|----------------------------------------------------------------------------------------------------------|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.                                          |
| <b>Shipping</b> | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

## Background

This gene encodes a member of a family of small membrane proteins that share a 35-amino acid signature sequence domain, beginning with the sequence PFXYD and containing 7 invariant and 6 highly conserved amino acids. The approved human gene nomenclature for the family is FXYD-domain containing ion transport regulator. Mouse FXYD5 has been termed RIC (Related to Ion Channel). FXYD2, also known as the gamma subunit of the Na,K-ATPase, regulates the properties of that enzyme. FXYD1 (phospholemman), FXYD2 (gamma), FXYD3 (MAT-8), FXYD4 (CHIF), and FXYD5 (RIC) have been shown to induce channel activity in experimental expression systems.

## For Research Use Only

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Rev. V1.9

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