

## FXYD2 polyclonal antibody

Catalog: BS60253

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

The human FXYD2 (pronounced fix-id) gene maps to chromosome 11q23 and encodes the gamma subunit of Na/K-ATPase (NKA). FXYD2  $\gamma$  subunit modulates NKA activity by inducing ion channel activity. The mammalian FXYD family maintains Na<sup>+</sup> and K<sup>+</sup> gradients between the intracellular and extracellular milieus of cells in processes such as renal Na<sup>+</sup>-reabsorption, muscle contraction and neuronal excitability. FXYDs are single-span membrane proteins that share a 35 amino acid signature domain, beginning with the sequence PFXDYD and containing 7 invariant and 6 conserved amino acids. Other members of the FXYD family include FXYD1 (PLM, phospholemman), FXYD3 (Mat8, mammary tumor protein 8), FXYD4 (CHIF) and FXYD5 (RIC).

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 7 kDa

### Swiss-Prot:

P54710

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

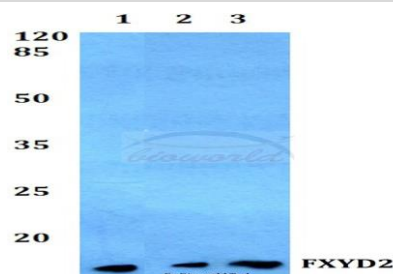
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

FXYD2 polyclonal antibody detects endogenous levels of FXYD2 protein.

### DATA:



Western blot (WB) analysis of FXYD2 polyclonal antibody at 1:500 dilution

Lane1:HepG2 whole cell lysate

Lane2:Mouse lung tissue lysate

Lane3:Rat brain tissue lysate

### Note:

For research use only, not for use in diagnostic procedure.

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