

Product datasheet for **TA364664S**

FXYD1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse brain and heart tissue IHC: 50-200 Positive control: Human tonsil Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human FXYD1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	10 kDa
Gene Name:	FXYD domain containing ion transport regulator 1
Database Link:	Entrez Gene 5348 Human O00168



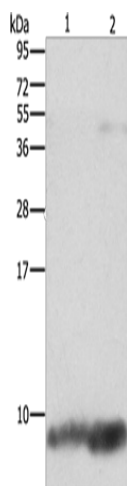
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Background:

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.

Synonyms:

MGC44983; phospholemman; PLM

Product images:

Gel: 12%SDS-PAGE

Lysate: 40 µg

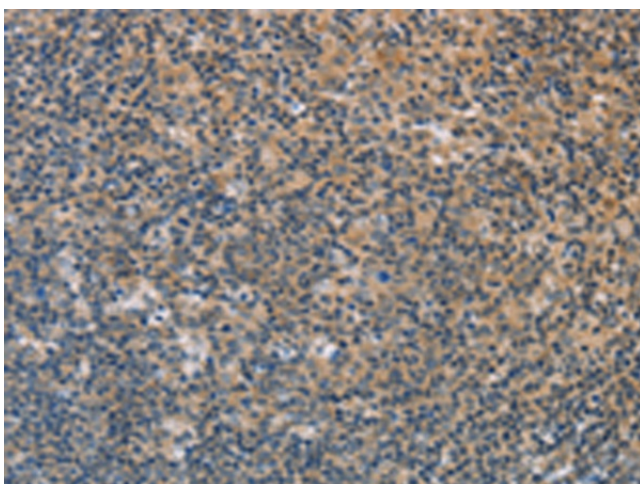
Lane 1-2: Mouse brain tissue

Mouse heart tissue

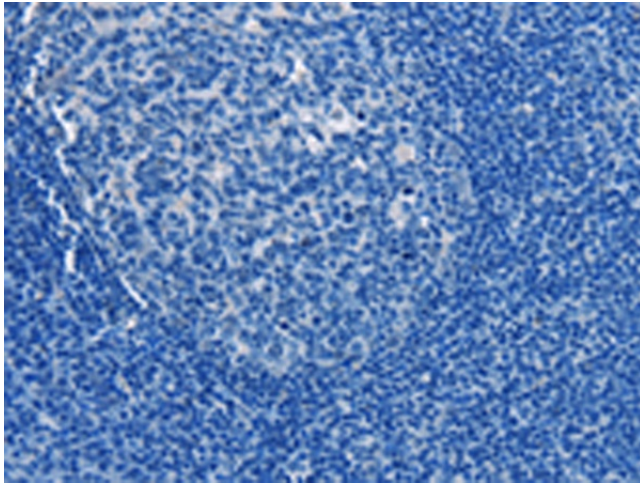
Primary antibody: [TA364664] (FXYD1 Antibody)
at dilution 1/1290

Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution

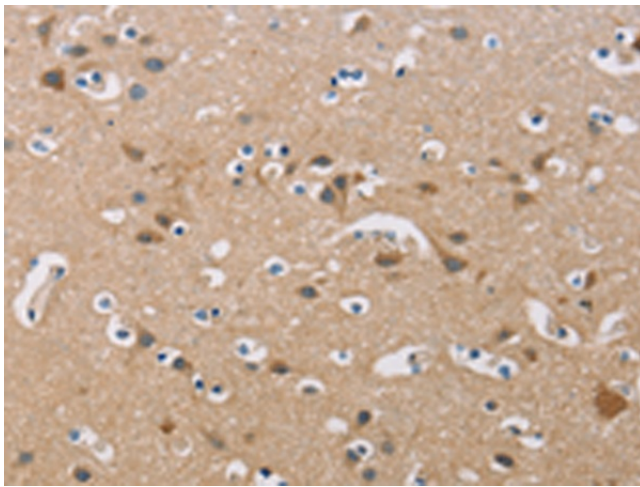
Exposure time: 1 second



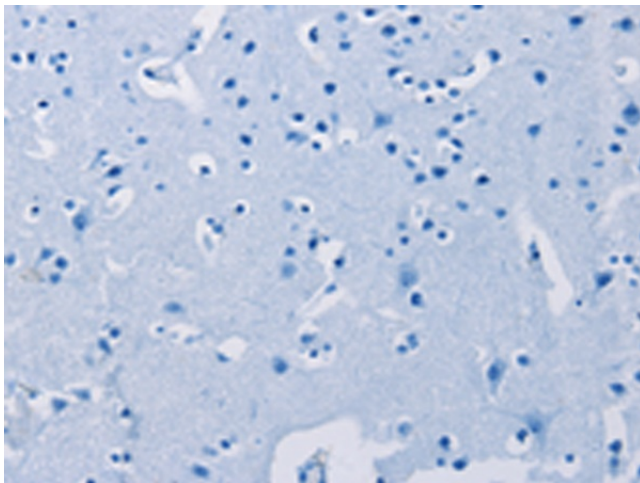
Immunohistochemistry of paraffin-embedded
Human tonsil tissue using [TA364664] (FXYD1
Antibody) at dilution 1/60 (Original magnification:
×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA364664] (FXYD1 Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA364664] (FXYD1 Antibody) at dilution 1/60 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA364664] (FXYD1 Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: $\times 200$)