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## TSPAN4 Rabbit pAb

Catalog Number: bs-9413R

Target Protein: TSPAN4

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Rat (predicted:Human, Mouse, Pig, Sheep, Cow, Chicken, Dog)

Predicted MW: 26 kDa

Subcellular Cell membrane

Locations:

Entrez Gene: 7106

Swiss Prot: O14817

Source: KLH conjugated synthetic peptide derived from human TSPAN4: 61-160/238.

Purification: affinity purified by Protein A

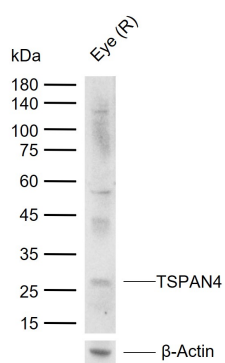
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein and is similar in sequence to its family member CD53 antigen. It is known to complex with integrins and other transmembrane 4 superfamily proteins. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008].

### VALIDATION IMAGES

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Sample: Lane 1: Rat Eye tissue lysates Primary: Anti-TSPAN4 (bs-9413R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 26 kDa Observed band size: 26 kDa

## PRODUCT SPECIFIC PUBLICATIONS

**[IF=6.4]** Visnovitz, Tamas. et al.A ‘torn bag mechanism’ of small extracellular vesicle release via limiting membrane rupture of en bloc released amphisomes (amphictosomes).ELIFE.2025 Feb 7:13:RP95828. IF ; Human . 39918406