## bs-21129R

## [ Primary Antibody ]

# **OBSCN Rabbit pAb**

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DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GeneID: 84033 SWISS: Q5VST9

Target: OBSCN

**Immunogen:** KLH conjugated synthetic peptide derived from human OBSCN:

101-200/7963.

**Purification:** affinity purified by Protein A

Concentration: 1mg/ml

Storage: Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS,

pH7.4.

. Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: The obscurin gene spans more than 150 kb, contains over 80 exons and encodes a protein of approximately 720 kDa. The encoded

protein contains 68 lg domains, 2 fibronectin domains, 1 calcium/calmodulin-binding domain, 1 RhoGEF domain with an associated PH domain, and 2 serine-threonine kinase domains. This protein belongs to the family of giant sacromeric signaling proteins that includes titin and nebulin, and may have a role in the organization of myofibrils during assembly and may mediate interactions between the sarcoplasmic reticulum and myofibrils. Alternatively spliced transcript variants encoding different

isoforms have been identified. [provided by RefSeq, Jul 2008]

**Applications: IHC-P** (1:100-500)

IHC-F (1:100-500) **IF** (1:100-500)

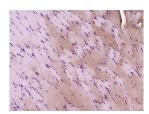
Reactivity: Rat (predicted: Human,

Mouse)

Predicted 868 kDa MW.:

**Subcellular** Cytoplasm

### VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (Rat skeletal muscle); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (OBSCN) Polyclonal Antibody, Unconjugated (bs-21129R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.