bs-6300R **[Primary Antibody]**

TEM7R Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 84898 **SWISS:** Q6UX71

Target: TEM7R

Immunogen: KLH conjugated synthetic peptide derived from human TEM7R.: 101-200/529. < Extracellular >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

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: TEM7R also known as PLXDC2 is a 529 amino acid single-pass type I membrane protein containing one PSI domain and belonging to the plexin family. Localizing to membrane, TEM7R is expressed in endothelial cells of the stroma, as well as in limbs, lung buds, developing heart, spinal cord and dorsal root ganglia. TEM7R interacts with cortactin and may play a role in tumor angiogenesis. Existing as three alternatively spliced isoforms, the gene encoding TEM7R maps to human chromosome 10p12.31. Spanning nearly 135 million base pairs, chromosome 10 makes up approximately 4.5% of total DNA in cells and encodes nearly 1,200 genes. Defects in some of the genes that map to chromosome 10 are associated with Charcot-Marie Tooth disease, Jackson-Weiss syndrome, Usher syndrome, nonsyndromatic deafness, Wolman’ s syndrome, Cowden syndrome, multiple endocrine neoplasia type 2 and porphyria.

Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
ICC/IF (1:100-500)
ELISA (1:5000-10000)

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

Predicted MW.: 56 kDa

Subcellular Location: Cell membrane