bs-10497R **[Primary Antibody]**

phospho-Tyrosine Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

Target: Tyrosine

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: The phosphorylation of specific tyrosine residues has been shown to be a primary mechanism of signal transduction during normal mitogenesis, cell cycle progression and oncogenic transformation, its role in other areas such as differentiation and gap junction communication, is a matter of active and ongoing research. Antibodies that specifically recognize phosphorylated tyrosine residues have proved to be invaluable to the study of tyrosine phosphorylated proteins and the biochemical pathways in which they function.

Applications: **ELISA** (1:5000-10000)

Reactivity: (predicted: Phosphotyrosine)

Subcellular Location: Cytoplasm

SELECTED CITATIONS

- **[IF=4.2]** Shanpeng Wang. et al. Vibration Emissions Reduce Boar Sperm Quality via Disrupting Its Metabolism. BIOLOGY-BASEL. 2024 Jun;13(6):370 WB ;Pig. 10.3390/biology13060370