SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-phospho-PTPRA (Ser180)/AF647 Conjugated antibody

Catalog Number: SL5175R-AF647

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-phospho-PTPRA (Ser180)/AF647
Immunogen:	KLH conjugated Synthesised phosphopeptide derived from human PTPRA around the phosphorylation site of Ser180
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted:Human,Mouse,Rat,Chicken,Dog,Pig,Cow)
Background:	background: Vital cellular functions such as cell proliferation and signal transduction are regulated in part by the balance between the activities of protein tyrosine kinases (PTK) and protein tyrosine phosphatases (PTPs). The protein contains a 121 residue extracellular domain, a single transmembrane segment, and 2 tandem intracytoplasmic catalytic domains. The PTP alpha protein is ubiquitously expressed and may play a fundamental role in the physiology of all cells. **Subcellular Location:** Membrane; Single-pass type I membrane protein. **Similarity:** Belongs to the protein-tyrosine phosphatase family. Receptor class 4 subfamily. Contains 2 tyrosine-protein phosphatase domains. **Database links:** **Entrez Gene:** 5786 Human **Entrez Gene:** 19262 Mouse

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Entrez Gene: 25167 Rat Omim: 176884 Human **SwissProt:** P18433 Human **SwissProt:** P18052 Mouse **SwissProt:** Q03348 Rat **Unigene:** 269577 Human **Unigene:** 224246 Mouse **Unigene:** 18043 Rat Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.