

# Anti-Pan-PTPR (Receptor-Type Tyrosine-Protein Phosphatase) Antibody



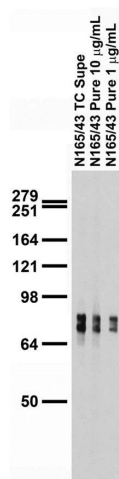
## Product Details

<b>Available Variants</b>	100 $\mu$ L (SKU:75-194)
<b>Conjugate</b>	Unconjugated
<b>Isotype</b>	IgG2a
<b>Clone</b>	N165/43
<b>Gene Name</b>	PTPRF LAR PTPRD PTPRS
<b>Host Species</b>	Mouse
<b>Concentration</b>	1 mg/mL
<b>Format</b>	Purified by Protein A chromatography
<b>Physical State</b>	Liquid
<b>Buffer</b>	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.122
<b>Production Notes</b>	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
<b>Applications</b>	ELISA, ICC, WB
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Immunogen</b>	Fusion protein amino acids 1315-1607 (cytoplasmic C-terminus) of human LAR (accession number P10586) produced recombinantly in E. Coli
<b>Specificity</b>	Cross-reacts with PTPRD or PTPRS
<b>Molecular Weight</b>	85 kDa (full-length is 210 kDa, smaller due to proteolysis into P-subunit containing transmembrane and intracellular domains)
<b>Quality Control</b>	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.

<b>Storage</b>	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$ . For maximum recovery of product, centrifuge the vial prior to removing the cap.
<b>Antibody Registry ID</b>	AB_2174700
<b>UniProt ID</b>	<a href="#">P10586</a>
<b>Country of Origin</b>	United States
<b>Shipping</b>	Shipped on ice packs
<b>Expiration</b>	24 months from date of receipt
<b>Usage Statement</b>	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

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## Product Images



Adult rat brain membrane immunoblot.

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**Product Page URL:** [www.antibodiesinc.com/products/anti-pan-ptpr-receptor-type-tyrosine-protein-phosphatase-antibody-n165-43-75-](http://www.antibodiesinc.com/products/anti-pan-ptpr-receptor-type-tyrosine-protein-phosphatase-antibody-n165-43-75-194)

194



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