



## PDGFR $\alpha$ (Phospho-Tyr754) Antibody

E11-0969A

**Catalog Number:** E11-0969A

**Concentration:** 1mg/ml

**Swiss-Prot No.:** P16234

**Other Names:** Alpha platelet-derived growth factor receptor precursor, CD140a, EC 2.7.10.1, PDGF-R-alpha, PDGFR-alpha, PGFRA, kinase PDGFR-alpha

**All Sites:** Human: Tyr754; Mouse: Tyr754; Rat: Tyr753

**Storage/Stability:** Store at -20 °C/1 year

**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without  $Mg^{2+}$  and  $Ca^{2+}$ ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human PDGFR  $\alpha$  around the phosphorylation site of tyrosine 754 (S-K-Y<sup>P</sup>-S-D).

**Purification:** The antibody was affinity-purified from

rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

**Specificity:** PDGFR  $\alpha$  (Phospho-Tyr754) antibody detects endogenous levels of PDGFR  $\alpha$  only when phosphorylated at tyrosine 754.

**Reactivity:** Human (Identities = 100%, Positives = 100%);  
Mouse (Identities = 100%, Positives = 100%);  
Rat (Identities = 100%, Positives = 100%)

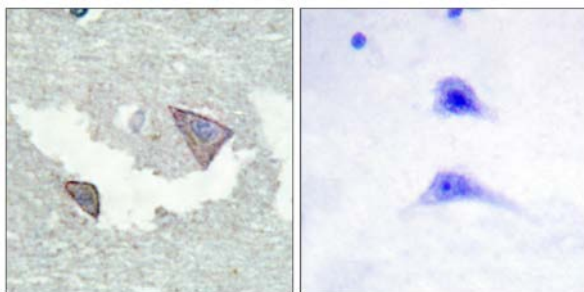
**Applications:** IHC: 1:50~1:100 ELISA: 1:5000

### References:

NP Pringle, Development, Jun 1992; 115: 535.

RA Seifert, J. Biol. Chem., Feb 1993; 268: 4473 - 4480.

A Hall, Development, Dec 1996; 122: 4085.

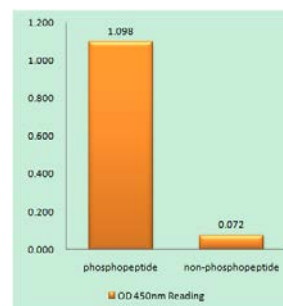


P-peptide

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Immunohistochemistry analysis of paraffin-embedded human brain tissue using PDGFR  $\alpha$  (Phospho-Tyr754) antibody.



PDGFR  $\alpha$  (Phospho-Tyr754) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nm are shown in the ELISA figure.

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