

Anti- VEGFR1 (Phospho-Tyr1048) Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A100284-01	50 µl
A100284-02	100 µl

Specificity	Anti- VEGFR1 (Phospho-Tyr1048) (human mouse rat)
Source	Rabbit Polyclonal
Application	ELISA IHC
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: P17948

Other Names: EC 2.7.1.112; EC 2.7.10.1; FLT; Flt-1; FLT1; Fms-like tyrosine kinase 1; FRT; tyrosine-protein kinase FRT; tyrosine-protein kinase receptor FLT; vascular endothelial growth factor receptor 1; vascular permeability factor receptor; VEGFR1

Specificity and Sensitivity

VEGFR1 (Phospho-Tyr1048) antibody detects endogenous levels of VEGFR1 only when phosphorylated at tyrosine 1048.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human VEGFR1 around the phosphorylation site of tyrosine 1048 (D-I-Y^P-K-N). The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

IHC: 1:50~1:100 ELISA: 1:1000

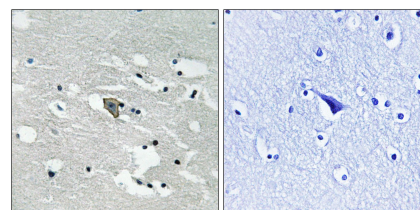
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human brain tissue, using VEGFR1 (Phospho-Tyr1048) antibody.