

**Product Name: Phospho-VEGF Receptor 2 (Tyr1214)
Rabbit Polyclonal Antibody
Catalog #: APRab00949**



Summary

Production Name	Phospho-VEGF Receptor 2 (Tyr1214) Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-P,ICC/IF
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	KDR KDR; FLK1; VEGFR2; Vascular endothelial growth factor receptor 2; VEGFR-2; Fetal liver
Alternative Names	kinase 1; FLK-1; Kinase insert domain receptor; KDR; Protein-tyrosine kinase receptor flk-1; CD antigen CD309
Gene ID	3791
SwissProt ID	P35968

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 ICC: 1/100-1/200
Molecular Weight	Calculated MW: 152 kDa; Observed MW: 230 kDa

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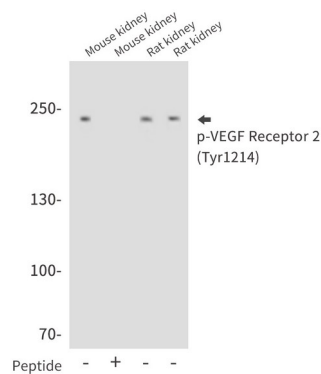
Background

VEGFR-2 is a receptor tyrosine kinase of the VEGFR family. High affinity receptor for VEGF and VEGF-C. Ligand binding induces autophosphorylation and activation. Activated receptor recruits proteins including Shc, GRB2, PI3K, Nck, SHP-1 and SHP-2.

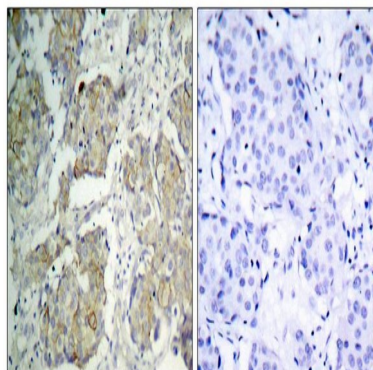
Research Area

Epigenetics and Nuclear Signaling

Image Data

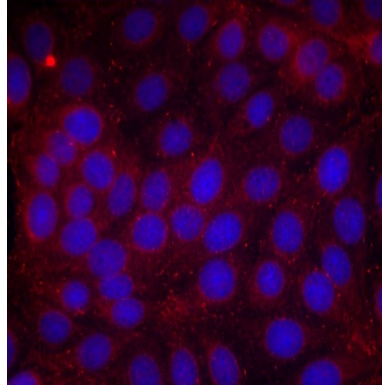


Western blot analysis of Phospho-VEGF Receptor 2 (Tyr1214) in mouse kidney, rat kidney lysates using Phospho-VEGF Receptor 2 (Tyr1214) antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma tissue using VEGFR2(Phospho-Tyr1214) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.

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Immunofluorescence analysis of Phospho-VEGF Receptor 2 (Tyr1214) in MCF-7 cells using VEGFR2(Phospho-Tyr1214) antibody(red).

Note

For research use only.