

AP0283

Leader in Biomolecular Solutions for Life Science



Phospho-VEGF Receptor 2-Y1059 Rabbit pAb

Catalog No.: AP0283

Basic Information

Observed MW

230kDa

Calculated MW

152kDa

Category

Polyclonal Antibody

Applications

WB

Cross-Reactivity

Human

Background

Vascular endothelial growth factor (VEGF) is a major growth factor for endothelial cells. This gene encodes one of the two receptors of the VEGF. This receptor, known as kinase insert domain receptor, is a type III receptor tyrosine kinase. It functions as the main mediator of VEGF-induced endothelial proliferation, survival, migration, tubular morphogenesis and sprouting. The signalling and trafficking of this receptor are regulated by multiple factors, including Rab GTPase, P2Y purine nucleotide receptor, integrin alphaVbeta3, T-cell protein tyrosine phosphatase, etc.. Mutations of this gene are implicated in infantile capillary hemangiomas.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

3791

Swiss Prot

P35968

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

FLK1; CD309; VEGFR; VEGFR2; Phospho-VEGF Receptor 2-Y1059

Contact

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

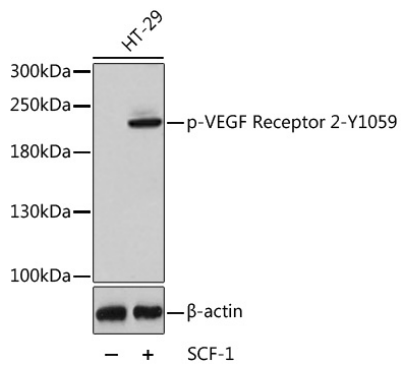
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from HT29 cells untreated or treated with SCF-1 using Phospho-VEGF Receptor 2-Y1059 Rabbit pAb (AP0283).

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% BSA.