

产品名称: VEGF Receptor 2 Rabbit Polyclonal Antibody  
产品货号: AP Rab03373



产品概述 (Summary)

|                        |                                            |
|------------------------|--------------------------------------------|
| 产品名称 (Production Name) | VEGF Receptor 2 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody                 |
| 宿主 (Host)              | Rabbit                                     |
| 应用 (Application)       | WB,IHC,ICC/IF,ELISA                        |
| 种属反应性 (Reactivity)     | Human,Mouse                                |

产品性能 (Performance)

|                     |                                                                                                |
|---------------------|------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                   |
| 修饰 (Modification)   | Unmodified                                                                                     |
| 同种型 (Isotype)       | IgG                                                                                            |
| 克隆 (Clonality)      | Polyclonal                                                                                     |
| 形式 (Form)           | Liquid                                                                                         |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.       |
| 储存溶液 (Buffer)       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3. |
| 纯化方式 (Purification) | Affinity Purification                                                                          |

免疫原信息 (Immunogen)

|                        |                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | KDR<br>KDR; FLK1; VEGFR2; Vascular endothelial growth factor receptor 2; VEGFR-2;                                         |
| 别名 (Alternative Names) | Fetal liver kinase 1; FLK-1; Kinase insert domain receptor; KDR; Protein-tyrosine kinase receptor flk-1; CD antigen CD309 |
| 基因 ID (Gene ID)        | 3791                                                                                                                      |
| 蛋白 ID (SwissProt ID)   | P35968.                                                                                                                   |

产品应用 (Application)

|                          |                                                                       |
|--------------------------|-----------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000 |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 152 kDa; Observed MW: 210,230 kDa                      |

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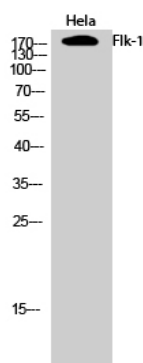
## 研究背景 (Background)

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.

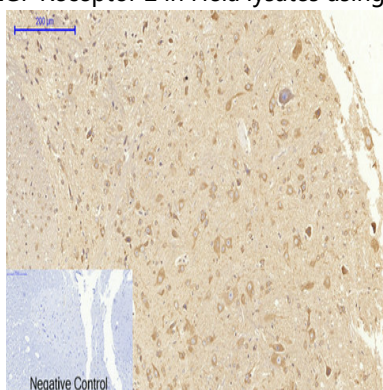
## 研究领域 (Research Area)

Epigenetics and Nuclear Signaling

## 图片 (Image Data)

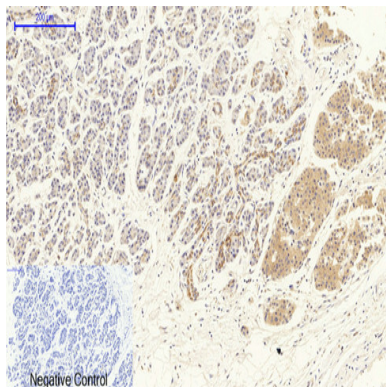


Western blot analysis of VEGF Receptor 2 in HeLa lysates using VEGF Receptor 2 antibody.

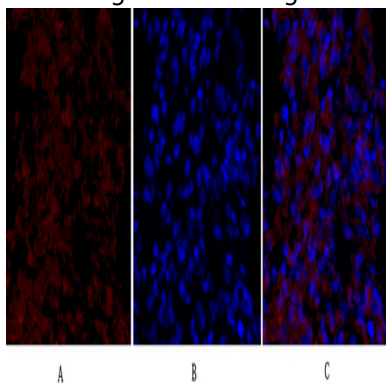


Immunohistochemistry analysis of paraffin-embedded rat spinalcord using Flk1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.

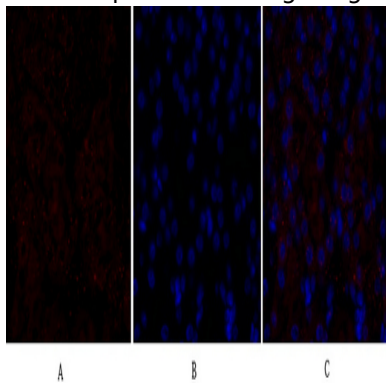
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Immunohistochemistry analysis of paraffin-embedded Human stomach cancer using Flk1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.



Immunofluorescence analysis of VEGF Receptor 2 in rat lung using Flk1 antibody(red),and DAPI (blue).



Immunofluorescence analysis of VEGF Receptor 2 in mouse kidney using VEGF Receptor 2 antibody(red) ,and DAPI (blue).

## 注意事项 (Note)

For research use only .