

## VEGFA Recombinant antibody

**Cat:** B22002R

**Company:** HaoKebio

**GenBank ID:** NM\_001287056

**Applications:** IHC: 1:250-1:1000

**Organism:** Rabbit

IHC-Polymer: 1:1000-1:4000

**Species reactivity:** Mouse

IHC-TSA: 1:1200-1:5000

IF: 1:50

### Background:

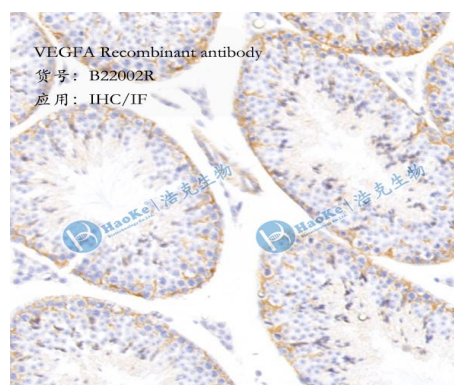
Store at -20 °C for one year.

Vegfa is a member of the PDGF/VEGF growth factor family. It is a mitogen that specifically acts on endothelial cells and has various effects, including mediating increased vascular permeability, inducing angiogenesis, vasculogenesis, endothelial cell growth, promoting cell migration, and inhibiting apoptosis. It binds to the FLT1/VEGFR1 and KDR/VEGFR2 receptors, heparan sulfate and heparin. It may play a role in increasing vascular permeability during lactation, when increased transport of molecules from the blood is required for efficient milk protein synthesis.

### Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

### Images:



Sample: Mouse testicle, 4% PFA 12-24h

### Protein full name:

vascular endothelial growth factor A

### Synonyms:

2118, L-VEGF, N-VEGF, Vascular Endothelial Growth Factor, vascular endothelial growth factor A

### Immunogen:

Recombinant protein

### Isotype:

IgG

### Subcellular location:

Secreted

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

### Storage:

### Source of Reagents:

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发表[英文论文]请标注: VEGFA(B22002R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

