

VEGF Receptor 2 Rabbit Polyclonal Antibody

Catalog No: #53212



Package Size: #53212-1 50ul #53212-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

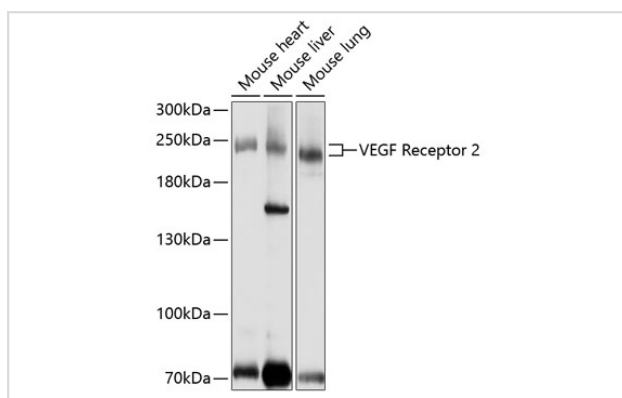
Description

Product Name	VEGF Receptor 2 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human VEGF Receptor 2 (NP_002244.1).
Other Names	CD309;FLK1;VEGFR;VEGFR2;VEGF Receptor 2;KDR
Accession No.	Swiss Prot:P35968GenelD:3791
Calculated MW	75kDa/79kDa/151kDa
SDS-PAGE MW	240kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

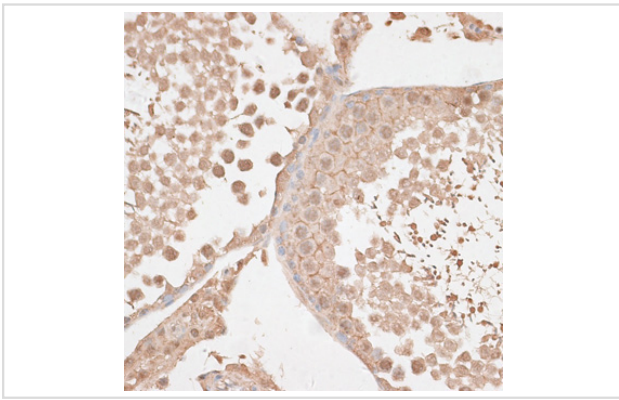
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200

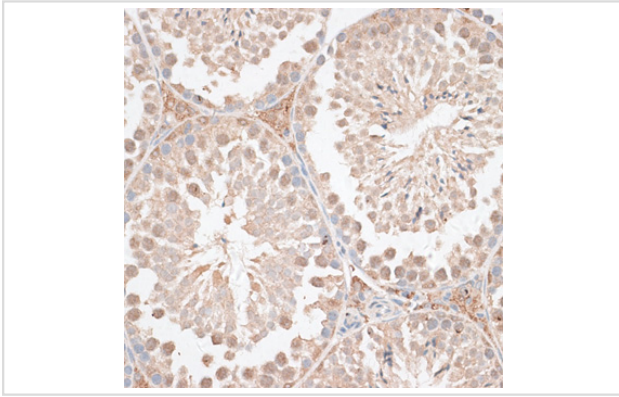
Images



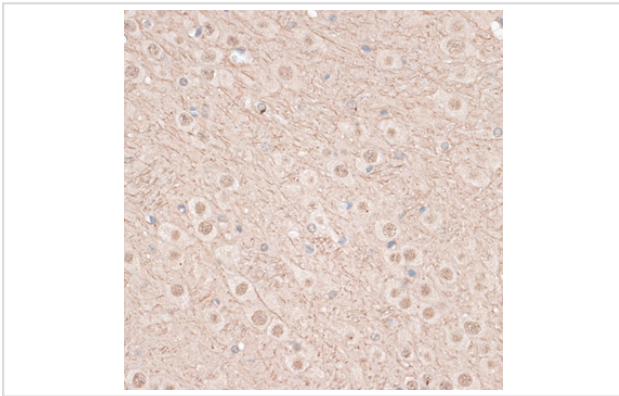
Western blot analysis of extracts of various cell lines, using VEGF Receptor 2 at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded rat testis using VEGF Receptor 2 at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse testis using VEGF Receptor 2 at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using VEGF Receptor 2 at dilution of 1:100 (40x lens).

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.