

VEGFB Polyclonal Antibody

Catalog Number:E-AB-53196



Note: Centrifuge before opening to ensure complete recovery of vial contents.

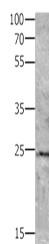
Description

Reactivity	Human, Mouse
Immunogen	Synthetic peptide of human VEGFB
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4

Applications Recommended Dilution

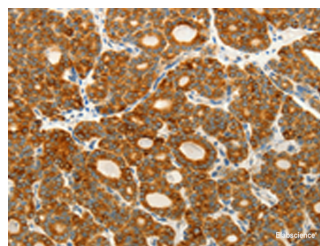
WB	1:500-1:2000
IHC	1:25-1:100
ELISA	1:5000-1:240000

Data



Western blot analysis of Mouse brain tissue using VEGFB Polyclonal Antibody at dilution of 1:700

Observed Mw:Refer to figures
Calculated Mw:21 kDa



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using VEGFB Polyclonal Antibody at dilution of 1:25(×200)

Preparation & Storage

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

Background

This gene encodes a member of the PDGF (platelet-derived growth factor)/VEGF (vascular endothelial growth factor) family. The VEGF family members regulate the formation of blood vessels and are involved in endothelial cell physiology. This member is a ligand for VEGFR-1 (vascular endothelial growth factor receptor 1) and NRP-1 (neuropilin-1). Studies in mice showed that this gene was co-expressed with nuclear-encoded mitochondrial genes and the encoded protein specifically controlled endothelial uptake of fatty acids. Alternatively spliced transcript variants encoding distinct isoforms have been identified.

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