

Anti-VEGFA Polyclonal Antibody 5

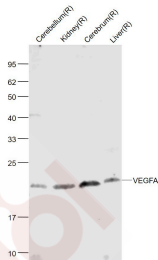
Product Details

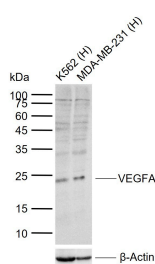
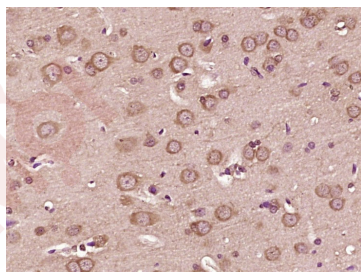
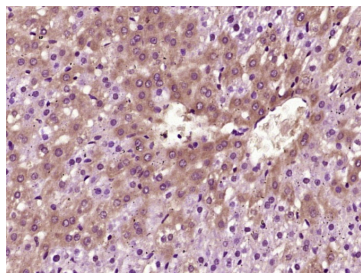
Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Dog)
Molecular Weight:	Theoretical: 24 kDa. Actual: 24 kDa.
Purification:	Protein A purified

Applications

1. Sample:
Cerebellum (Rat) Lysate at 40 µg
Kidney (Rat) Lysate at 40 µg
Cerebrum (Rat) Lysate at 40 µg
Liver (Rat) Lysate at 40 µg
Primary: Anti-VEGFA (TMAB-01952) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 43/23 kDa
Observed band size: 23 kDa
2. Paraformaldehyde-fixed, paraffin embedded (rat liver tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (VEGFA) Polyclonal Antibody, Unconjugated (TMAB-01952) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded (rat brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (VEGFA) Polyclonal Antibody, Unconjugated (TMAB-01952) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
4. Sample:
Lane 1: Human K562 cell lysates
Lane 2: Human MDA-MB-231 cell lysates
Primary: Anti-VEGFA (TMAB-01952) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 24 kDa
Observed band size: 24 kDa

Verified Activity:





Application: IF,IHC-Fr,IHC-P,WB

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human VEGFA

Antigen Species: Human

Gene ID: 7422

Uniprot ID: P15692

Synonyms: VPF;MVCD1;L-VEGF;VEGF-A;VEGF

Biology Area: VEGF,SARS Coronavirus,Cancer,Hypoxia,Co-factors,Angiogenesis and vasculogenesis,VEGF,Angiogenic growth factors,VEGF,Response to hypoxia

Research Background

Vascular endothelial growth factor (VEGF), originally known as vascular permeability factor (VPF), is a signal protein produced by cells that stimulates the formation of blood vessels. To be specific, VEGF is a sub-family of growth factors, the platelet-derived growth factor family of cystine-knot growth factors. They are important signaling proteins involved in both vasculogenesis (the de novo formation of the embryonic circulatory system) and angiogenesis (the growth of blood vessels from pre-existing vasculature).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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