VEGF-A polyclonal antibody

Catalog: BS6496 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

VEGF is a dimeric glycoprotein with structural homology to PDGF. Several variants of VEGF have been described that arise by alternative mRNA splicing. It has been speculated that VEGF may function as a tumor angiogenesis factor in vivo because the expression pattern of VEGF is consistent with a role in embryonic angiogenesis. VEGF mRNA is formed in some primary tumors, VEGF is produced by tumor cell lines in vitro and VEGF mitogenic activity appears to be restricted to endothelial cells. A member of the PDGF receptor family, Flt, has been identified as a high-affinity receptor for VEGF.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 39/43 kDa

Swiss-Prot:

P15692

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500-1:1000

IF/ICC: 1:50-1:200

IHC-P: 1:50-1:200

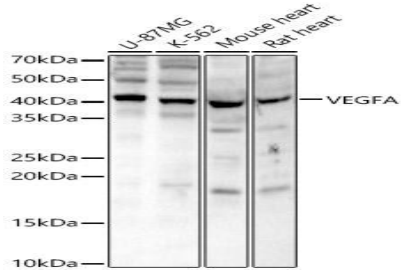
Storage&Stability:

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

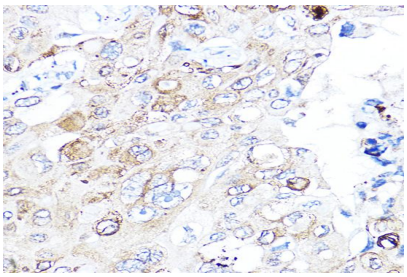
Specificity:

VEGFA polyclonal antibody detects endogenous levels of VEGFA protein.

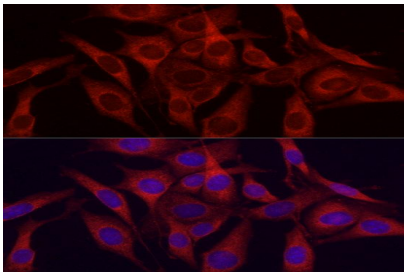
DATA:



Western blot analysis of various lysates, using VEGFA pAb at 1:1000 dilution.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using VEGFA pAb at dilution of 1:200 (40x lens).



Immunofluorescence analysis of NIH/3T3 cells using VEGFA pAb at dilution of 1:100 (40x lens).

Note:

For research use only, not for use in diagnostic procedure.

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