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## VEGFA (N) Antibody, Rabbit Polyclonal

**Cat#: R0313-1**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 27 | 40, 17 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: P15692**

### **Background:**

VEGFA is a glycosylated mitogen that specifically acts on endothelial cells and has various effects, including mediating increased vascular permeability, inducing angiogenesis, vasculogenesis and endothelial cell growth, promoting cell migration, and inhibiting apoptosis. Defects in VEGFA are a cause of susceptibility to microvascular complications of diabetes type 1. VEGFA has multiple isoforms with the molecular weight ranging from 17 to 45 kD.

### **Other Names:**

VEGF, VPF, VEGF-A

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human VEGFA. Antibodies were purified by affinity purification using immunogen.

### **Storage Buffer and Condition:**

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

### **Species Specificity:**

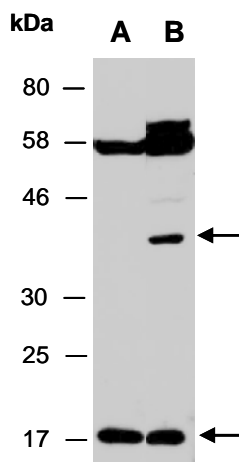
Human, Mouse

### **Tested Applications:**

WB: 1:1,000-1:3,000 (detect endogenous protein\*)

\*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

**Product Data:**



**Fig 1.** Western blot of total cell extracts from (A) mouse thymus, (B) human MDA-MB231; using anti-VEGFA (N) (R0313-1) at RT for 2 h. The 40 kD and 17 kD bands may represent VEGFA isoforms.