



ANG2

Antibody

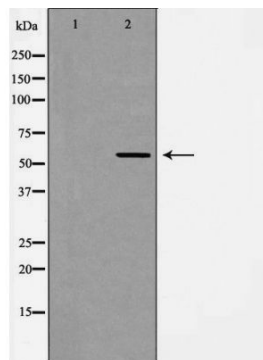
#24144

Catalog Number: 24144-1, 24144-2**Amount:** 50µg/50µl, 100µg/100µl**Swiss-Prot No. :** O15123**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.**Storage/Stability:** Store at -20°C/1 year**Immunogen:** The antiserum was produced against synthesized peptide derived from Human ANG2**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.**Specificity/Sensitivity:** ANG2 antibody detects endogenous levels of total ANG2 protein**Reactivity:** Human, Mouse, Rat**Applications:**

Predicted MW: 57kd

WB: 1:500~1:2000

IHC: 1:50-200



Western blot analysis of ANG 2 expression in HUVEC cell lysate

Background :

Can induce tyrosine phosphorylation of TIE2. Binds to TIE2 receptor and counteracts blood vessel maturation/stability mediated by angiopoietin-1. Its function may be context-dependent. In the absence of angiogenic inducers, such as VEGF, ANG2-mediated loosening of cell-matrix contacts may induce endothelial cell apoptosis with consequent vascular regression.