

**RABBIT ANTI-ANGIOPOIETIN-1
AFFINITY-PURIFIED
POLYCLONAL ANTIBODY**

CATALOG NUMBER:	AB3120
LOT NUMBER:	
QUANTITY:	50 µg
CONCENTRATION:	1.0 mg/mL
SPECIFICITY:	Recognizes mouse Angiopoietin-1 (Ang-1). Primarily expressed in developing endothelial cells, Ang-1 is the natural ligand for Tie-2.
IMMUNOGEN:	20 amino acid peptide sequence near the amino-terminus of mouse Ang-1.
APPLICATIONS:	Western blot: 1-10 µg/mL using ECL. ELISA: 1:10,000-1:100,000 using 50-100 ng of control peptide per well. Immunohistochemistry: Not tested. It is recommended that the antibody be used at 2-20 µg/ml in formaldehyde fixed tissue. Optimal working dilutions must be determined by end user.
SPECIES REACTIVITIES:	The immunogenic peptide sequence is 90% (18/20 aa) conserved in human Ang-1, 95% in pig, rat and bovine, and has no significant sequence homology with Ang-2. Antibody crossreactivity in other species is not established.
FORMAT:	Affinity purified immunoglobulin
PRESENTATION:	Liquid in 100 mM Tris, pH 7.5, containing 0.2% BSA as stabilizer and 0.05% sodium azide as preservative.
STORAGE/HANDLING:	Maintain frozen at -20°C in undiluted aliquots for up to 6 months after date of receipt. Avoid repeated freeze and thaw.
RELATED REFERENCES:	<ol style="list-style-type: none">1. Suri, S et al., Cell (1996) 87, 11712. Davis, S et al., Cell (1996) 87, 11613. Maisonpierre C et al., Science (1997) 277, 554. Nomura N et al., DNA Res (1996) 1, 27

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