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**Product Name: Angiopoietin 2 Rabbit Monoclonal Antibody****Catalog #: AMRe01645**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.5mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100
<b>Molecular Weight</b>	Calculated MW: 57 kDa; Observed MW: 57 kDa

**Antigen Information**

<b>Gene Name</b>	ANGPT2
<b>Alternative Names</b>	Angiopoietin-2 (ANG-2)
<b>Gene ID</b>	285
<b>SwissProt ID</b>	O15123
<b>Immunogen</b>	A synthetic peptide of human Angiopoietin 2

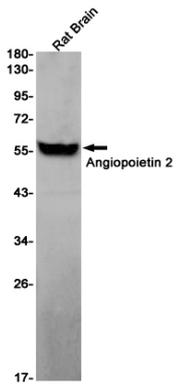
**Background**

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.

## Research Area

Cardiovascular

## Image Data



Western blot analysis of Angiotensin II in rat Brain lysates using Angiotensin II antibody.