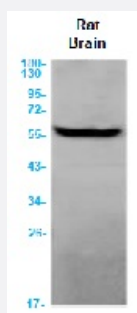


RecomAb™

ANGPT2 recombinant monoclonal antibody, clone R04-7E6

Catalog # RAB01607 Size 100 uL

Applications



Western Blot

Western blot analysis of Angiopoietin 2 in rat Brain lysates using human Angiopoietin 2 recombinant monoclonal antibody, clone R04-7E6 (Cat # RAB01607).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human Angiopoietin 2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human Angiopoietin 2
Theoretical MW (kDa)	Calculated MW: 57 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C for short term. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Angiopoietin 2 in rat Brain lysates using human Angiopoietin 2 recombinant monoclonal antibody, clone R04-7E6 (Cat # RAB01607).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Gene Info — ANGPT2

Entrez GeneID[285](#)**Protein Accession#**[O15123](#)**Gene Name**

ANGPT2

Gene Alias

AGPT2, ANG2

Gene Description

angiopoietin 2

Omim ID[601922](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is an antagonist of angiopoietin 1 (ANGPT1) and endothelial TIE-2 tyrosine kinase (TIE-2, TEK). The encoded protein disrupts the vascular remodeling ability of ANGPT1 and may induce endothelial cell apoptosis. Three transcript variants encoding three different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

Tie2-ligand|angiopoietin-2|angiopoietin-2B|angiopoietin-2a

Disease

- [Abortion](#)

- [Birth Weight](#)

- [Brain Infarction](#)
- [Chorioamnionitis](#)
- [Disease Progression](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
- [Fetal Death](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Leiomyoma](#)
- [Lymphedema](#)
- [Neovascularization](#)
- [Obstetric Labor](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Recurrence](#)
- [Respiratory Distress Syndrome](#)
- [Retinopathy of Prematurity](#)
- [Stroke](#)
- [Tobacco Use Disorder](#)
- [Uterine Cervical Neoplasms](#)
- [Uterine Neoplasms](#)