



Mouse anti-Human ANGPT4 polyclonal antibody (DPAB-DC2161)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | Angiopoietins are proteins with important roles in vascular development and angiogenesis. All angiopoietins bind with similar affinity to an endothelial cell-specific tyrosine-protein kinase receptor. The mechanism by which they contribute to angiogenesis is thought to involve regulation of endothelial cell interactions with supporting perivascular cells. The protein encoded by this gene functions as an agonist and is an angiopoietin. |
| Immunogen | ANGPT4 (NP_057069, 25 a.a. ~ 111 a.a) partial recombinant protein with GST tag. The sequence is TRQEADRGCE TLVVQHGHC SYTFLPKSEPCPPGPEVSRDSNTLQRES LANPLHLGKLPT QQVKQLEQALQNNTQWLKKLERAIKTI |
| Source/Host | Mouse |
| Species Reactivity | Human |
| Conjugate | Unconjugated |
| Applications | WB (Recombinant protein), ELISA, |
| Size | 50 µl |
| Buffer | 50 % glycerol |
| Preservative | None |
| Storage | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

GENE INFORMATION

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| Gene Name | ANGPT4 angiotensinogen 4 [Homo sapiens (human)] |
| Official Symbol | ANGPT4 |
| Synonyms | ANGPT4; angiotensinogen 4; AGP4; ANG4; ANG-3; angiotensinogen-4; ANG-4; angiotensinogen-3; dJ824F16.2 (angiotensinogen 4); |
| Entrez Gene ID | 51378 |
| Protein Refseq | NP_057069 |
| UniProt ID | Q9Y264 |
| Chromosome Location | 20p13 |
| Pathway | Angiotensinogen receptor Tie2-mediated signaling; HIF-1 signaling pathway; PI3K-Akt signaling pathway; Rap1 signaling pathway |
| Function | receptor tyrosine kinase binding; transmembrane receptor protein tyrosine kinase activator activity; |