

Datasheet for ABIN950413

anti-Angiopoietin 4 antibody (N-Term)**3** Images[Go to Product page](#)

Overview

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|----------------------|--|
| Quantity: | 0.4 mL |
| Target: | Angiopoietin 4 (ANGPT4) |
| Binding Specificity: | AA 19-52, N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Angiopoietin 4 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA) |

Product Details

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|-----------------------------|--|
| Immunogen: | KLH conjugated synthetic peptide between 19-52 amino acids from the N-terminal region of human ANGPTL1 |
| Isotype: | Ig Fraction |
| Specificity: | This antibody reacts to Angiopoietin-3. |
| Cross-Reactivity (Details): | Species reactivity (tested):Human. |
| Purification: | Affinity chromatography on Protein A |

Target Details

| | |
|---------|-------------------------|
| Target: | Angiopoietin 4 (ANGPT4) |
|---------|-------------------------|

Target Details

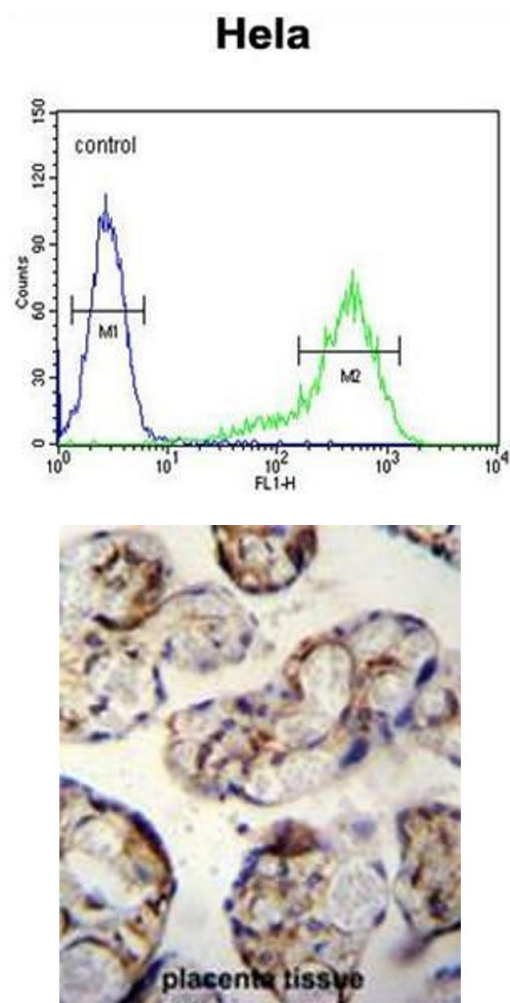
| | |
|-------------------|--|
| Alternative Name: | Angiopoietin-3 (ANGPT4 Products) |
| Background: | Angiopoietins are members of the vascular endothelial growth factor family and the only known growth factors largely specific for vascular endothelium. Angiopoietin-1, angiopoietin-2, and angiopoietin-4 participate in the formation of blood vessels. The protein encoded by this gene is another member of the angiopoietin family that is widely expressed in adult tissues with mRNA levels highest in highly vascularized tissues. This protein was found to be a secretory protein that does not act as an endothelial cell mitogen in vitro.Synonyms: ANG3, ANGPT3, ANGPTL1, ARP1, Angiopoietin-like 1, Angiopoietin-related protein 1, PSEC0154 |
| Gene ID: | 9068 |
| NCBI Accession: | NP_004664 |
| Pathways: | RTK Signaling |

Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 0.25 mg/mL |
| Buffer: | PBS containing 0.09 % (W/V) sodium azide as preservative |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freezing and thawing. |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer. |

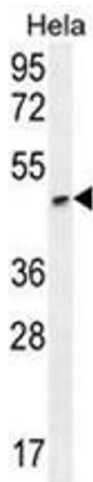


Flow Cytometry

Image 1. ANGPTL1 Antibody (N-term) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. ANGPTL1 antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of the ANGPTL1 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 3. ANGPTL1 Antibody (N-term) western blot analysis in Hela cell line lysates (35µg/lane).This demonstrates the ANGPTL1 antibody detected the ANGPTL1 protein (arrow).