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Datasheet for ABIN895554

anti-Epigen antibody (AA 51-130) (Alexa Fluor 488)

Overview

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| Quantity: | 100 µL |
| Target: | Epigen (EPGN) |
| Binding Specificity: | AA 51-130 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Epigen antibody is conjugated to Alexa Fluor 488 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human Epigen |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Predicted Reactivity: | Rat,Dog,Cow,Sheep,Horse |
| Purification: | Purified by Protein A. |

Target Details

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|-------------------|--|
| Target: | Epigen (EPGN) |
| Alternative Name: | Epigen (EPGN Products) |

Target Details

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|-------------|---|
| Background: | Synonyms: EPG, Epigen precursor, Epithelial mitogen, EPGN_HUMAN. Background: Epigen is an EGF-related polypeptide growth factor that signals through the ErbB receptor-1. It is produced in several tissues, including the testis, liver, heart and in certain tumor cells. Epigen is mitogenic for fibroblasts and epithelial cells. Human Epigen is initially synthesized as a glycosylated 14.7 kDa transmembrane precursor protein, which is processed by proteolytic cleavage to produce a mature soluble sequence. |
| Gene ID: | 255324 |
| Pathways: | RTK Signaling , EGFR Signaling Pathway |

Application Details

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| Application Notes: | IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |