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Datasheet for ABIN1401396
anti-IGSF3 antibody (Alexa Fluor 647)

Overview

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| Quantity: | 100 µL |
| Target: | IGSF3 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This IGSF3 antibody is conjugated to Alexa Fluor 647 |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human IGSF3 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | IGSF3 |
| Alternative Name: | IGSF3 (IGSF3 Products) |
| Background: | Synonyms: EWI 3, EWI3, Glu Trp Ile EWI mot containing protein 3, Immunoglobulin superfamily member 3, Immunoglobulin superfamily member 3, KIAA0466, MGC117164, V8 antibody, IGSF3_HUMAN. Background: IGSF3, also known as V8 or EWI-3, is a 1,214 amino acid protein. Widely expressed |

Target Details

with predominant expression in kidney, placenta and lung, IGSF3 localizes to the membrane and contains an N-terminal signal peptide, eight immunoglobulin (Ig) domains and a transmembrane segment. IGSF3 exhibits strong sequence and structural similarity to CD101 (32 % identity), a leukocyte surface protein with seven Ig domains that is believed to play a role in T-cell activation. Despite the structural similarities between IGSF3 and CD101, IGSF3 is not expressed in peripheral blood lymphocytes and does not appear to participate in an immune function. Based on its subcellular localization and the presence of the eight Ig domains, IGSF3 is hypothesized to function as a surface receptor or as a cell adhesion molecule.

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| Gene ID: | 3321 |
| UniProt: | O75054 |

Application Details

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| Application Notes: | IF(IHC-P) 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 |