Datasheet for ABIN1417085 anti-FNDC1 antibody (AA 21-120) (Cy3)

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Overview

| Quantity: | 100 μL |
|----------------------|---|
| Target: | FNDC1 |
| Binding Specificity: | AA 21-120 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This FNDC1 antibody is conjugated to Cy3 |
| Application: | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| Immunogen: | KLH conjugated synthetic peptide derived from human FNDC1 |
|-----------------------|---|
| Isotype: | IgG |
| Predicted Reactivity: | Human,Mouse,Rat,Dog,Cow,Sheep,Horse,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

| Target: | FNDC1 |
|-------------------|---|
| Alternative Name: | FNDC1 (FNDC1 Products) |
| Background: | Synonyms: Activation-associated cDNA protein, AGS8, Expressed in synovial lining protein, |

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| | fibronectin type III domain containing 2, Fibronectin type III domain-containing protein 1, |
|---------------------|---|
| | FNDC1, FNDC1_HUMAN, FNDC2, MEL4B3. |
| | Background: FNDC1, also known as MEL4B3, Ags8, Expressed in synovial lining protein and |
| | Activation-associated cDNA protein, is a 1888 amino acid secreted protein that contains five |
| | fibronectin type-III domains. FNDC1 is moderately expressed in skeletal muscle, pancreas, |
| | heart, kidney, spinal cord, ovary and lung. Expression of FNDC1 is induced in response to |
| | hypoxia in ventricular cardiomyocytes. Since FNDC1 interacts with G and G©, it is likely that |
| | FNDC1 is an activator for G-protein signaling. Though normally absent in healthy skin, FNDC1 |
| | expression is induced by TGF-beta signaling in skin tumors and psoriasis. There are two |
| | isoforms of FNDC1 that are produced as a result of alternative splicing events. |
| Gene ID: | 84624 |
| Application Details | |
| 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 | |
| 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 |
| | |

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