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anti-C21ORF45 antibody (AbBy Fluor® 594)



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| Overview | | | |
|-------------------|---|--|--|
| Quantity: | 100 μL | | |
| Target: | C210RF45 (MIS18A) | | |
| Reactivity: | Human, Mouse, Rat | | |
| Host: | Rabbit | | |
| Clonality: | Polyclonal | | |
| Conjugate: | This C210RF45 antibody is conjugated to AbBy Fluor® 594 | | |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) | | |
| Product Details | | | |
| Immunogen: | KLH conjugated synthetic peptide derived from human FASP1/C21orf45 | | |
| Isotype: | IgG | | |
| Cross-Reactivity: | Human, Mouse, Rat | | |
| Purification: | Purified by Protein A. | | |
| Target Details | | | |
| Target: | C210RF45 (MIS18A) | | |
| Alternative Name: | FASP1 (MIS18A Products) | | |
| Background: | Synonyms: B28, C21orf46, FASP1, hMis18alpha, MaFF interacting protein, MAFIP, MIS18A, | | |
| | Protein Mis18 alpha, MS18A_HUMAN. | | |
| | Background: Mapping to chromosome 21, the FASP1 gene (FAPP1-associated protein 1) | | |

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encodes a 233 amino acid protein that is homologous to the fission yeast protein Mis18. In

yeast, Mis18 is localized to the centrosome and forms a complex with Mis16 to maintain the deacetylated state of histones specifically in the central core of centromeres. FASP1, also known as Protein Mis18-alpha and C21orf45, is required for the recruitment of CENP-A to centrosomes and is thereby essential for normal chromosome segregation during mitosis. With expression in testis, FASP1 exists as a homodimer, a heterodimer with MIS18B or is present in a complex containing other Mis18 family members. FASP1 has been shown to bind to pp5644 in Hela cells, where overexpression of pp5644 leads to inhibited growth and colony formation.

Application Details

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