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Datasheet for ABIN2810681

**anti-FAM189B antibody (Alexa Fluor 594)**

## Overview

|              |   |
|--------------|---|
| Quantity:    | 100 µL  |
| Target:      | FAM189B   |
| Reactivity:  | Human, Mouse, Rat   |
| Host:        | Rabbit  |
| Clonality:   | Polyclonal  |
| Conjugate:   | This FAM189B antibody is conjugated to Alexa Fluor 594                          |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | KLH conjugated synthetic peptide derived from human C1orf2 |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human, Mouse, Rat  |
| Purification:     | Purified by Protein A.                                     |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | FAM189B   |
| Alternative Name: | C1orf2 ( <a href="#">FAM189B Products</a> )   |
| Background:       | Synonyms: Chromosome 1 open reading frame 2, COTE1, F189B_HUMAN, FAM189B, Family with sequence similarity 189 member B, Hypothetical protein LOC10712, Protein COTE1, Protein FAM189B.<br>Background: COTE1, also known as FAM189B (family with sequence similarity 189, member B), |

## Target Details

is a 668 amino acid multi-pass membrane protein that is widely expressed and belongs to the FAM189 family. Existing as two alternatively spliced isoforms, COTE1 is encoded by a gene that maps to human chromosome 1q22. As the largest human chromosome, chromosome 1 spans about 260 million base pairs and makes up approximately 8 % of the human genome.

Hutchinson-Gilford progeria, a rare aging disorder, is associated with the LMNA gene which is located on chromosome 1. Familial adenomatous polyposis, Stickler syndrome, Parkinsons, Gaucher disease and Usher syndrome are also associated with chromosome 1. Aberrations in chromosome 1 are found in a variety of cancers including head and neck cancer, malignant melanoma and multiple myeloma.

Gene ID: 10712

## Application Details

Application Notes: IF(IHC-P) 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