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Datasheet for ABIN6981881

anti-DOT1L antibody (AA 51-150) (AbBy Fluor® 750)

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | DOT1L |
| Binding Specificity: | AA 51-150 |
| Reactivity: | Human, Mouse, Rat, Green Monkey |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This DOT1L antibody is conjugated to AbBy Fluor® 750 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human DOT1L |
| Isotype: | IgG |
| Cross-Reactivity: | Green Monkey, Human, Mouse, Rat |
| Predicted Reactivity: | Cow, Sheep |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | DOT1L |
| Alternative Name: | DOT1L (DOT1L Products) |

Target Details

Background: Synonyms: DOT1, KMT4, Histone-lysine N-methyltransferase, H3 lysine-79 specific, DOT1-like protein, Histone H3-K79 methyltransferase, H3-K79-HMTase, Lysine N-methyltransferase 4, DOT1L, KIAA1814

Background: Histone methyltransferase. Methylates 'Lys-79' of histone H3. Nucleosomes are preferred as substrate compared to free histones. Binds to DNA.

Gene ID: 84444

UniProt: [Q8TEK3](#)

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
