

[Go to Product page](#)

Datasheet for ABIN1403992

anti-ASH1L antibody (Alexa Fluor 488)

Overview

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|--------------|--|
| Quantity: | 100 µL |
| Target: | ASH1L |
| Reactivity: | Human, Rat, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ASH1L antibody is conjugated to Alexa Fluor 488 |
| Application: | Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human ASH1L |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | ASH1L |
| Alternative Name: | ASH1L (ASH1L Products) |
| Background: | Synonyms: Absent small and homeotic disks protein 1 homolog, Absent Small or Homeotic Like, ASH 1, ASH 1L, ash1 absent small or homeotic 1, Ash1 absent small or homeotic like, Absent small and homeotic disks protein 1 homolog, ASH1-like protein, ASH-1L, ASH1L_HUMAN, ASH1L1, huASH1, Lysine N-methyltransferase 2H, Probable histone-lysine N- |

Target Details

methyltransferase ASH1L.

Background: ASH1L is a 2,969 amino acid protein encoded by the human gene ASH1L. ASH1L belongs to the histone-lysine methyltransferase family (SET2 subfamily) and contains three AT hook DNA-binding domains, one AWS domain, one BAH domain, one bromodomain, one PHD-type zinc finger, one post-SET domain and one SET domain. It is a widely expressed nuclear protein with highest expression found in brain, heart and kidney. ASH1L is a histone methyltransferase and is believed to methylate 'Lys-4' of Histone H3, which is a specific tag for epigenetic transcriptional activation.

Gene ID: 55870

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