

**Anti-ASH2L Rabbit Monoclonal Antibody**  
Catalog # ABO13646

**Specification**

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**Anti-ASH2L Rabbit Monoclonal Antibody - Product Information**

Application	WB, IHC, IF, ICC
Primary Accession	<a href="#">Q9UBL3</a>
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

**Description**

Anti-ASH2L Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

**Anti-ASH2L Rabbit Monoclonal Antibody - Additional Information**

**Gene ID** 9070

**Other Names**

Set1/Ash2 histone methyltransferase complex subunit ASH2, ASH2-like protein, ASH2L, ASH2L1

**Calculated MW**

68723 MW KDa

**Application Details**

WB 1:500-1:2000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200

**Subcellular Localization**

Nucleus.

**Tissue Specificity**

Ubiquitously expressed. Predominantly expressed in adult heart and testis and fetal lung and liver, with barely detectable expression in adult lung, liver, kidney, prostate, and peripheral leukocytes..

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human ASH2L

**Purification**

Affinity-chromatography

**Storage**

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated**

freeze-thaw cycles.

## Anti-ASH2L Rabbit Monoclonal Antibody - Protein Information

**Name** ASH2L

**Synonyms** ASH2L1

### Function

Transcriptional regulator (PubMed:<a href="http://www.uniprot.org/citations/12670868" target="\_blank">12670868</a>). Component or associated component of some histone methyltransferase complexes which regulates transcription through recruitment of those complexes to gene promoters (PubMed:<a href="http://www.uniprot.org/citations/19131338" target="\_blank">19131338</a>). Component of the Set1/Ash2 histone methyltransferase (HMT) complex, a complex that specifically methylates 'Lys-4' of histone H3, but not if the neighboring 'Lys-9' residue is already methylated (PubMed:<a href="http://www.uniprot.org/citations/19556245" target="\_blank">19556245</a>). As part of the MLL1/MLL complex it is involved in methylation and dimethylation at 'Lys-4' of histone H3 (PubMed:<a href="http://www.uniprot.org/citations/19556245" target="\_blank">19556245</a>). May play a role in hematopoiesis (PubMed:<a href="http://www.uniprot.org/citations/12670868" target="\_blank">12670868</a>). In association with RBBP5 and WDR5, stimulates the histone methyltransferase activities of KMT2A, KMT2B, KMT2C, KMT2D, SETD1A and SETD1B (PubMed:<a href="http://www.uniprot.org/citations/21220120" target="\_blank">21220120</a>, PubMed:<a href="http://www.uniprot.org/citations/22266653" target="\_blank">22266653</a>).

### Cellular Location

Nucleus.

### Tissue Location

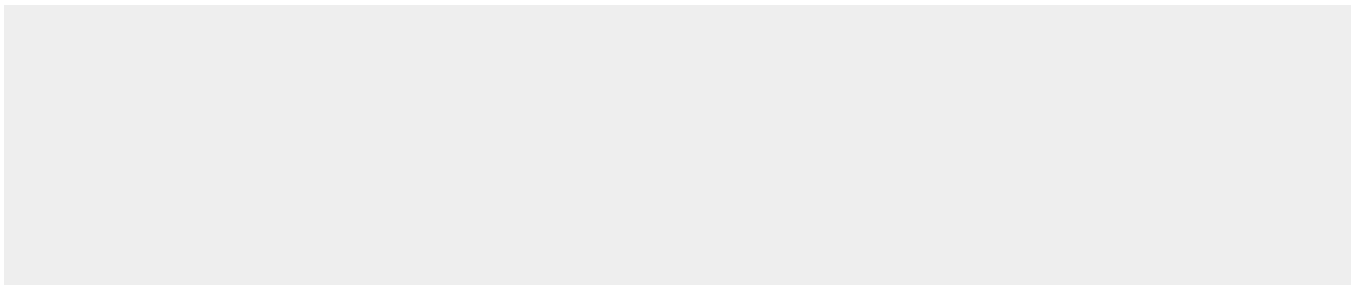
Ubiquitously expressed. Predominantly expressed in adult heart and testis and fetal lung and liver, with barely detectable expression in adult lung, liver, kidney, prostate, and peripheral leukocytes.

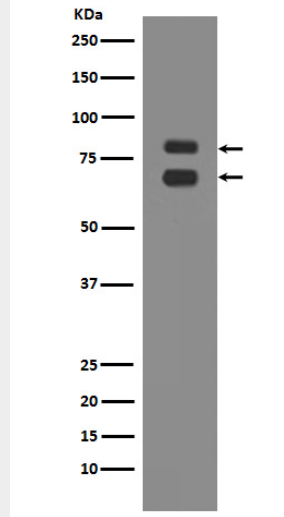
## Anti-ASH2L Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

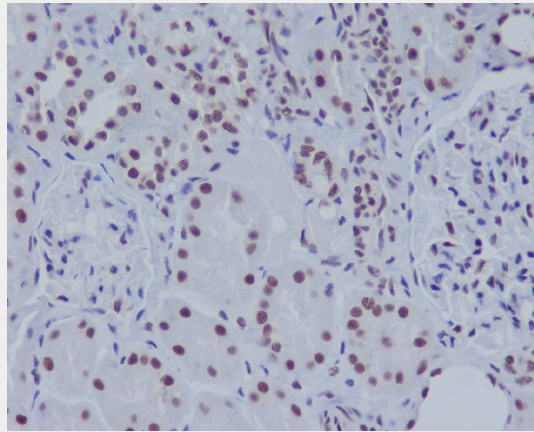
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-ASH2L Rabbit Monoclonal Antibody - Images





Western blot analysis of ASH2L expression in K562 cell lysate.



Immunohistochemical analysis of paraffin-embedded human kidney, using ASH2L Antibody.