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**[ Primary Antibody ]**

# Rabbit Anti-SEH1L antibody

**Catalog Number: SL8721R**

**FOR RESEARCH USE ONLY**

**[ DATASHEET ]**

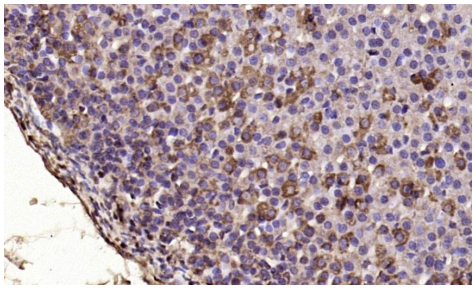
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|---|---|
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Target:** | SEH1L |
| **Immunogen:** | KLH conjugated synthetic peptide derived from human SEH1L: 1-100/360 |
| **Purification:** | affinity purified by Protein A |
| **Concentration:** | 1mg/ml |
| **Storage:** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. |
| **Applications:** | IHC-P=1:100-500<br>IHC-F=1:100-500<br>IF=1:100-500 （Paraffin sections need antigen repair）<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user. |
| **Reactivity:** | Rat(predicted:Human,Mouse,Chicken,Dog,Pig,Cow,Rabbit) |
| **Predicted MW.:** | 40kDa |
| **Subcellular Location:** | The nucleus |
| **Background:** | Seh1 is a 421 amino acid protein belonging to the WD repeat Sec13 family. Localized to the nucleus, Seh1 is a component of the nuclear pore complex Nup107-160. Nuclear pore complexes control bidirectional transport of macromolecules between the cytoplasm and the nucleus. All components of the complex Nup107-160, including Seh1, localize to the kinetochores during mitosis. Seh1 is expressed as two isoforms produced by alternative splicing and contains six WD repeats.<br>**Function:** Component of the Nup107-160 subcomplex of the nuclear pore complex (NPC). The Nup107-160 subcomplex is required for the assembly of a functional NPC. The Nup107-160 subcomplex is also required for normal kinetochore microtubule attachment, mitotic progression and chromosome segregation. This subunit plays a role in recruitment of the Nup107-160 subcomplex to the kinetochore. |

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

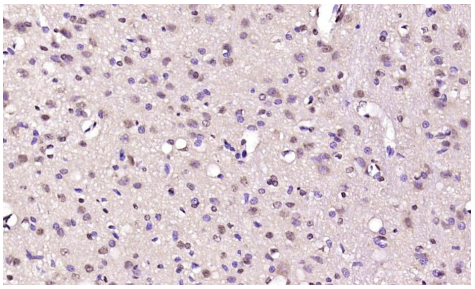
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| | |
|---|---|
| | **Subcellular Location:** Chromosome; centromere; kinetochore. Nucleus; nuclear pore complex.<br>**Similarity:** Belongs to the WD repeat SEC13 family.<br>Contains 6 WD repeats.<br>**Database links:**<br>**Entrez Gene:** 81929 Human<br>Omim: 609263 Human<br>**SwissProt:** Q96EE3 Human<br>**Unigene:** 301048 Human |

## [ VALIDATION IMAGES ]



Paraformaldehyde-fixed, paraffin embedded (rat adrenal gland); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SEH1L) Polyclonal Antibody, Unconjugated (SL8721R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SEH1L) Polyclonal Antibody, Unconjugated (SL8721R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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