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# CSE1L Antibody (aa1-50)
**Rabbit Polyclonal Antibody**
**Catalog # ALS15036**

## Specification

### CSE1L Antibody (aa1-50) - Product Information

| | |
|---|---|
| Application | **IF, WB, IHC** |
| Primary Accession | P55060 |
| Reactivity | **Human** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Calculated MW | **110kDa KDa** |

### CSE1L Antibody (aa1-50) - Additional Information

**Gene ID** 1434

**Other Names**
Exportin-2, Exp2, Cellular apoptosis susceptibility protein, Chromosome segregation 1-like protein, Importin-alpha re-exporter, CSE1L, CAS, XPO2

**Target/Specificity**
CSE1L Antibody detects endogenous levels of total CSE1L protein.

**Reconstitution & Storage**
Store at -20°C for up to one year.

**Precautions**
CSE1L Antibody (aa1-50) is for research use only and not for use in diagnostic or therapeutic procedures.

### CSE1L Antibody (aa1-50) - Protein Information

**Name** CSE1L

**Synonyms** CAS {ECO:0000303|PubMed:7479798}, XPO2

**Function**
Export receptor for importin-alpha. Mediates importin-alpha re-export from the nucleus to the cytoplasm after import substrates (cargos) have been released into the nucleoplasm. In the nucleus binds cooperatively to importin-alpha and to the GTPase Ran in its active GTP-bound form. Docking of this trimeric complex to the nuclear pore complex (NPC) is mediated through binding to nucleoporins. Upon transit of a nuclear export complex into the cytoplasm, disassembling of the complex and hydrolysis of Ran-GTP to Ran-GDP (induced by RANBP1 and RANGAP1, respectively) cause release of the importin-alpha from the export receptor. CSE1L/XPO2 then return to the nuclear compartment and mediate another round of transport. The directionality of nuclear export is thought to be conferred by an asymmetric distribution of the GTP- and GDP-bound forms of Ran between the cytoplasm and nucleus.

**Cellular Location**
Cytoplasm. Nucleus. Note=Shuttles between the nucleus and the cytoplasm.

**Tissue Location**
Detected in brain, placenta, ovary, testis and trachea (at protein level) (PubMed:10331944). Widely expressed (PubMed:10331944). Highly expressed in testis and in proliferating cells (PubMed:10331944, PubMed:7479798).

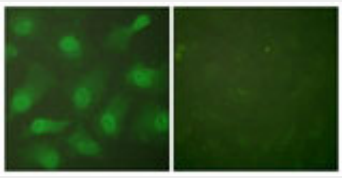
**Volume**
50 µl

## CSE1L Antibody (aa1-50) - Protocols

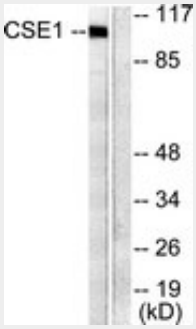
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## CSE1L Antibody (aa1-50) - Images



Immunofluorescence of HeLa cells, using CSE1L Antibody.




Western blot of extracts from 293 cells, using CSE1L Antibody.

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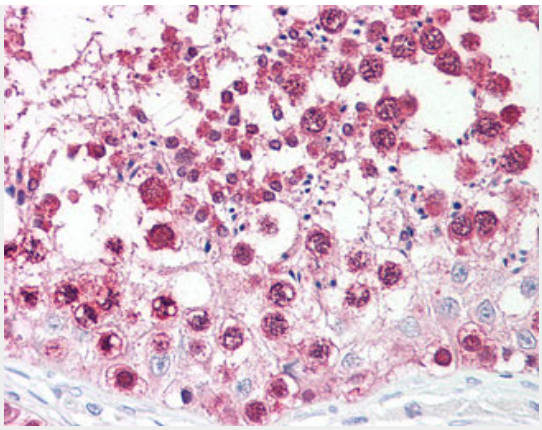

Anti-CSE1L antibody IHC of human testis.

**CSE1L Antibody (aa1-50) - Background**

Export receptor for importin-alpha. Mediates importin- alpha re-export from the nucleus to the cytoplasm after import substrates (cargos) have been released into the nucleoplasm. In the nucleus binds cooperatively to importin-alpha and to the GTPase Ran in its active GTP-bound form. Docking of this trimeric complex to the nuclear pore complex (NPC) is mediated through binding to nucleoporins. Upon transit of a nuclear export complex into the cytoplasm, disassembling of the complex and hydrolysis of Ran-GTP to Ran-GDP (induced by RANBP1 and RANGAP1, respectively) cause release of the importin-alpha from the export receptor. CSE1L/XPO2 then return to the nuclear compartment and mediate another round of transport. The directionality of nuclear export is thought to be conferred by an asymmetric distribution of the GTP- and GDP-bound forms of Ran between the cytoplasm and nucleus.

**CSE1L Antibody (aa1-50) - References**

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