

## CSE1L

**Reactivity:** Human

**Tested applications:** WB

**Recommended Dilution:** WB 1:500 - 1:2000

**Calculated MW:** 110kDa

**Observed MW:** Refer to figures

**Immunogen:**

A synthetic peptide of human CSE1L

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Catalog #:** A9510

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 1434

**Isotype:** IgG

**Swiss Prot:** P55060

**Purity:** Affinity purification

For research use only.

**Background:**

Proteins that carry a nuclear localization signal (NLS) are transported into the nucleus by the importin-alpha/beta heterodimer. Importin-alpha binds the NLS, while importin-beta mediates translocation through the nuclear pore complex. After translocation, RanGTP binds importin-beta and displaces importin-alpha. Importin-alpha must then be returned to the cytoplasm, leaving the NLS protein behind. The protein encoded by this gene binds strongly to NLS-free importin-alpha, and this binding is released in the cytoplasm by the combined action of RANBP1 and RANGAP1. In addition, the encoded protein may play a role both in apoptosis and in cell proliferation.

Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2012]

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