

Cellular Apoptosis Susceptibility Rabbit mAb
Catalog # AP77121**Specification**

Cellular Apoptosis Susceptibility Rabbit mAb - Product Information

Application	WB
Primary Accession	P55060
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	110417

Cellular Apoptosis Susceptibility Rabbit mAb - Additional Information**Gene ID** 1434**Other Names**

CSE1L

Dilution

WB~~1/500-1/1000

Format

Liquid

Cellular Apoptosis Susceptibility Rabbit mAb - 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).

Cellular Apoptosis Susceptibility Rabbit mAb - 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](#)

Cellular Apoptosis Susceptibility Rabbit mAb - Images

