

CAS Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP01176

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human CSE1L. AA range:1-50

Mol wt 110417

Species reactivity Human

Clonality Polyclonal

Recommended application WB, IHC-p, IP, IF, ELISA

Concentration 1 mg/ml

Full name CAS Antibody

Synonyms CSE1L; CAS; XPO2; Exportin-2; Exp2; Cellular apoptosis susceptibility protein; Chromosome segregation

1-like protein; Importin-alpha re-exporter

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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 CSE1L 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 (chromosome segregation 1 like) may play a role both in apoptosis and in cell proliferation. Alternatively spliced transcript variants have been found for CSE1L.

Recommended Dilution

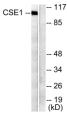
WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 IF: 1: 200 - 1: 1000 IP: 2 - 5 ug: mg lysate ELISA: 1: 40000

Not yet tested in other applications.

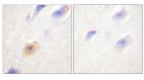
Images



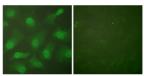
Western Blot analysis of various cells using CAS Polyclonal Antibody diluted at 1:2000



Western blot analysis of lysates from 293 cells, using CSE1L Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using CSE1L Antibody. The picture on the right is blocked with the synthesized peptide.



 $Immun of luorescence\ analysis\ of\ HeLa\ cells,\ using\ CSE1L\ Antibody.\ The\ picture\ on\ the\ right\ is\ blocked\ with\ the\ synthesized\ peptide.$

Storage

-20°C for one year

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