

## CAS Polyclonal Antibody

Cat #: ABP50845

Size: 30µl /100µl /200µl

### Product Information

	<b>Product Name:</b> CAS Polyclonal Antibody		
	<b>Applications:</b> WB, IHC-P, IP, IF, ELISA		<b>Isotype:</b> Rabbit IgG
	<b>Reactivity:</b> Human		
<b>REF</b>	<b>Catalog Number:</b> ABP50845	<b>LOT</b>	<b>Lot Number:</b> Refer to product label
	<b>Formulation:</b> Liquid		<b>Concentration:</b> 1 mg/ml
	<b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles.		<b>Note:</b> Contain sodium azide.

**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.

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), IP (2-5 ug/mg lysate), IF (1:200-1:1000), ELISA (1:40000). Not yet tested in other appl

**Storage Buffer:** PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

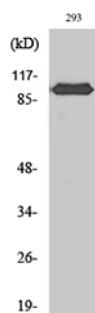


Fig. Western Blot analysis of various cells using CAS Polyclonal Antibody diluted at 1:2000.

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