

SSR2 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13170b**Specification**

SSR2 Antibody (C-term) - Product Information

Application	FC, IHC-P, WB,E
Primary Accession	P43308
Other Accession	Q5E9E4 , NP_003136.1
Reactivity	Human
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	20135
Antigen Region	154-183

SSR2 Antibody (C-term) - Additional Information**Gene ID** 6746**Other Names**

Translocon-associated protein subunit beta, TRAP-beta, Signal sequence receptor subunit beta, SSR-beta, SSR2, TRAPB

Target/Specificity

This SSR2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 154-183 amino acids from the C-terminal region of human SSR2.

Dilution

FC~~1:10~50

IHC-P~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SSR2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SSR2 Antibody (C-term) - Protein Information

Name SSR2

Synonyms TRAPB

Function TRAP proteins are part of a complex whose function is to bind calcium to the ER membrane and thereby regulate the retention of ER resident proteins.

Cellular Location

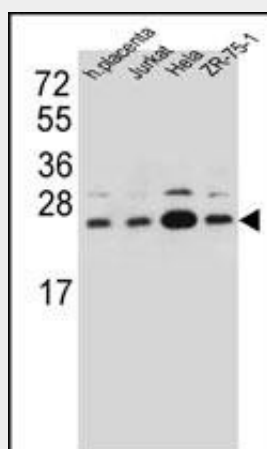
Endoplasmic reticulum membrane; Single-pass type I membrane protein

SSR2 Antibody (C-term) - Protocols

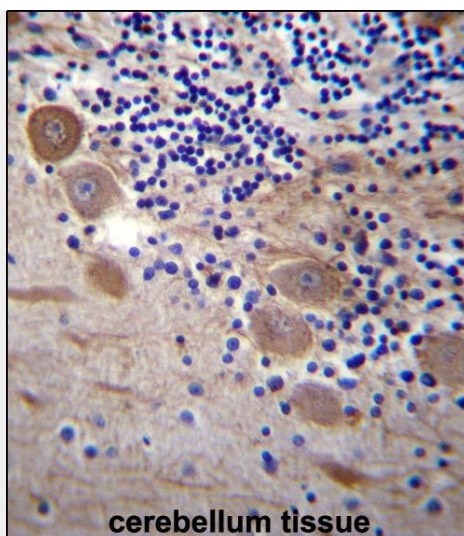
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

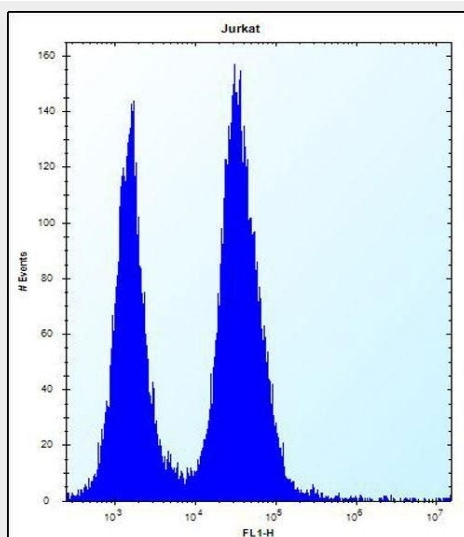
SSR2 Antibody (C-term) - Images



SSR2 Antibody (C-term) (Cat. #AP13170b) western blot analysis in human placenta tissue and Jurkat, Hela, ZR-75-1 cell line lysates (35ug/lane). This demonstrates the SSR2 antibody detected the SSR2 protein (arrow).



SSR2 Antibody (C-term) (Cat. #AP13170b) immunohistochemistry analysis in formalin fixed and paraffin embedded human cerebellum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of SSR2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



SSR2 Antibody (C-term) (Cat. #AP13170b) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

SSR2 Antibody (C-term) - Background

The signal sequence receptor (SSR) is a glycosylated endoplasmic reticulum (ER) membrane receptor associated with protein translocation across the ER membrane. The SSR consists of 2 subunits, a 34-kD glycoprotein (alpha-SSR or SSR1) and a 22-kD glycoprotein (beta-SSR or SSR2). The human beta-signal sequence receptor gene (SSR2) maps to chromosome bands 1q21-q23. [provided by RefSeq].

SSR2 Antibody (C-term) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :

Sikorska, M., et al. J. Neurosci. Res. 86(8):1680-1693(2008)
Zhang, H., et al. Nat. Biotechnol. 21(6):660-666(2003)
Wang, L., et al. FEBS Lett. 457(3):316-322(1999)
Dodson, G., et al. Curr. Opin. Struct. Biol. 8(2):189-194(1998)