

Mouse SEZ6/BSRP-C Biotinylated Antibody

Antigen Affinity-purified Polyclonal Sheep IgG
Catalog Number: BAF4989

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse SEZ6/BSRP-C in Western blots. In Western blots, less than 2% cross-reactivity with recombinant mouse (rm) BSRP-A and rmBSRP-B is observed.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse SEZ6/BSRP-C Gly19-Asn902 Accession # Q7TSK2
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein. See Certificate of Analysis for details.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	0.1 µg/mL	Recombinant Mouse SEZ6/BSRP-C

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

BSRP-C (Brain-specific receptor-like protein C; also SEZ6) is a 150 kDa member of the BSRP family of proteins. It is expressed on neurons and exerts an antibranching effect relative to neurite extension. Mature mouse BSRP-C is a 974 amino acid (aa) type I transmembrane glycoprotein. It contains an extracellular domain (ECD) of at least 876 amino acids (aa 18-893). The ECD shows three CUB domains and five short consensus repeats (SCRs). There are two splice variants for BSRP-C. One is soluble, and shows an 18 aa substitution for aa 588-991, while a second shows a deletion of aa 895-907 plus a 9 aa substitution for aa 982-991. Over aa 19-902, mouse BSRP-C is 91% aa identical to human BSRP-C.