

Product datasheet

Anti-BST2 antibody ab14694

4 References

概述

产品名称	Anti-BST2抗体
描述	兔多克隆抗体to BST2
宿主	Rabbit
经测试应用	适用于: Dot blot, ELISA, WB
种属反应性	与反应: Rat, Human
免疫原	Synthetic peptide (Human) (Position 121-140 on human BST2).
阳性对照	Rat neonatal brain.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.001% Sodium Azide
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab14694** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
Dot blot		1/2000.
ELISA		1/2000.
WB		1/500 - 1/1000. Detects a band of approximately 20 kDa (predicted molecular weight: 20 kDa).

靶标

功能	May be involved in the sorting of secreted proteins (By similarity). May be involved in pre-B-cell growth. Antiretroviral defense protein, that blocks release of retrovirus from the cell surface. Depleted upon HIV-1 infection by viral VPU protein through 20S proteasome degradation. Depleted upon infection by human Kaposi's sarcoma-associated herpesvirus (KSHV) through ubiquitination and subsequent degradation. May play a role in B-cell activation in rheumatoid arthritis.
组织特异性	Predominantly expressed in liver, lung, heart and placenta. Lower levels in pancreas, kidney, skeletal muscle and brain. Overexpressed in multiple myeloma cells. Highly expressed during B-cell development, from pro-B precursors to plasma cells. Highly expressed on T-cells, monocytes, NK cells and dendritic cells (at protein level).
序列相似性	Belongs to the tetherin family.
结构域	The extracellular coiled coil domain is important for virus retention at the cell surface and prevention of virus spreading.
翻译后修饰	Monoubiquitinated by KSHV E3 ubiquitin-protein ligase K5, leading to its targeting to late endosomes and degradation.
细胞定位	Golgi apparatus > trans-Golgi network. Cell membrane. Cell membrane. Late endosome. Targeted to late endosomes upon KSHV infection and subsequent ubiquitination. Targeted to the trans-Golgi network by viral VPU protein.

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