

For Research Use Only

CER1 Polyclonal antibody

Catalog Number: 18879-1-AP



Basic Information

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| Catalog Number: 18879-1-AP | GenBank Accession Number: BC069405 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 270 µg/ml by Nanodrop; | GeneID (NCBI): 9350 | Recommended Dilutions: WB 1:1000-1:4000 |
| Source: Rabbit | Full Name: cerberus 1, cysteine knot superfamily, homolog (Xenopus laevis) | |
| Isotype: IgG | Calculated MW: 267 aa, 30 kDa | |
| Immunogen Catalog Number: AG12926 | Observed MW: 70 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB : U-251 cells, mouse kidney tissue, rat kidney tissue |
| Species Specificity: human | |

Background Information

CER1 is a cytokine member of the cysteine knot superfamily, characterized by nine conserved cysteines and a cysteine knot region. The cerberus-related cytokines, together with Dan and DRM/Gremlin, represent a group of bone morphogenetic protein (BMP) antagonists that can bind directly to BMPs and inhibit their activity. CER1 can exist as homo- or heterodimers (PMID: 23717584, 9501024).

Storage

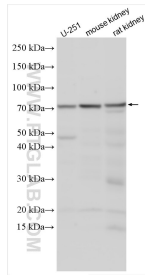
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 18879-1-AP (CER1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.