

Cerberus Polyclonal Antibody

Catalog No: YT5410

Reactivity: Human;Rat

Applications: WB;IHC;IF;ELISA

Target: Cerberus

Fields: >>Wnt signaling pathway

O95813

O55233

Gene Name: CER1

Protein Name: Cerberus

Human Gene Id: 9350

Human Swiss Prot

Tullian Swiss F10

No:

Mouse Gene Id: 12622

Mouse Swiss Prot

No:

Immunogen: The antiserum was produced against synthesized peptide derived from the

Internal region of human CER1. AA range:91-140

Specificity: Cerberus Polyclonal Antibody detects endogenous levels of Cerberus protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. IHC: 1:100-1:300. ELISA: 1:20000.. IF 1:50-200

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

1/3



Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 30kD

Cell Pathway: WNT;WNT-T CELL

Background: This gene encodes 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. [provided by RefSeq, Jul 2008],

Function: function:Cytokine that may play a role in anterior neural induction and somite

formation during embryogenesis in part through a BMP-inhibitory mechanism. Can regulate Nodal signaling during gastrulation as well as the formation and

patterning of the primitive streak.,PTM:N-glycosylated.,sequence

caution:Translated as Ser.,similarity:Belongs to the DAN

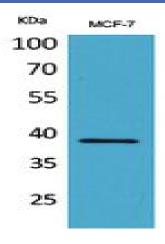
family., similarity: Contains 1 CTCK (C-terminal cystine knot-like) domain., subunit: Forms monomers and predominantly dimers.,

Subcellular Location :

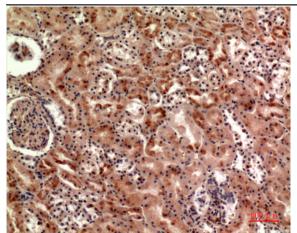
Secreted.

Expression: Blood,PCR rescued clones,

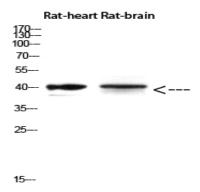
Products Images



Western Blot analysis of MCF-7 cells using Cerberus Polyclonal Antibody. Antibody was diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:100



Western Blot analysis of Rat-heart Rat-brain using Cerberus Polyclonal Antibody diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000