



# Cerberus rabbit pAb

Cat No.:ES4140

For research use only

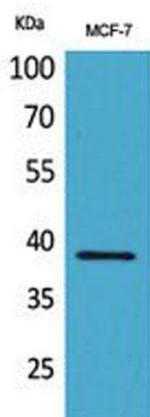
## Overview

<b>Product Name</b>	Cerberus rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human CER1. AA range:91-140
<b>Specificity</b>	Cerberus Polyclonal Antibody detects endogenous levels of Cerberus protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Cerberus
<b>Gene Name</b>	CER1
<b>Cellular localization</b>	Secreted .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	30kD
<b>Human Gene ID</b>	9350
<b>Human Swiss-Prot Number</b>	O95813
<b>Alternative Names</b>	CER1; DAND4; Cerberus; Cerberus-related protein; DAN domain family member 4
<b>Background</b>	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



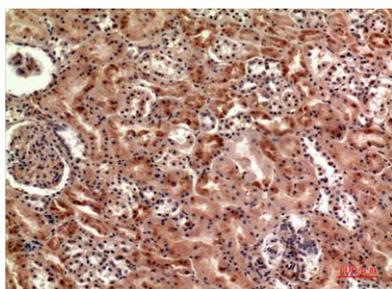


bind directly to BMPs and inhibit their activity.  
[provided by RefSeq, Jul 2008],

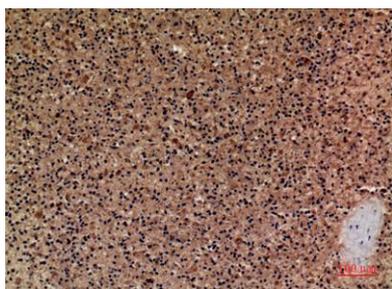


Western Blot analysis of MCF-7 cells using Cerberus Polyclonal Antibody. Antibody was diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

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

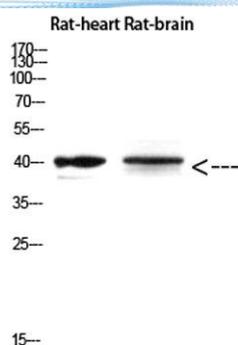


Immunohistochemical analysis of paraffin-embedded human-spleen, antibody was diluted at 1:100





**ELK Biotechnology**



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



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