Best Tools for immunology Research

VN2R1P Polyclonal Antibody

Catalog No :	YT4886
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IF;ELISA
Target :	VN2R1P
Gene Name :	CASRL1
Protein Name :	Putative calcium-sensing receptor-like 1
Human Gene Id :	344760
Human Swiss Prot No :	Q8NGV9
Immunogen :	The antiserum was produced against synthesized peptide derived from human CASRL1. AA range:400-449
Specificity :	VN2R1P Polyclonal Antibody detects endogenous levels of VN2R1P 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. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	83kD
Background :	The CARL-1 monoclonal antibody reacts with human TWEAK, a type II

transmembrane TNF superfamily member with high identity to TNF in its extracellular portion. TWEAK transcript is expressed broadly in many adult and fetal tissues, however, the staining of human peripheral blood mononuclear cells with monoclonal antibodies shows a more restricted pattern. While freshly isolated PBMCs do not express detectable levels of TWEAK on their surface, IFN-gamma-stimulated blood monocytes rapidly upregulate TWEAK surface expression. TWEAK is expressed as membrane bound and secreted forms. Interaction of TWEAK with its counter-receptor promotes secretion of IL-8, activation of NF-kappaB, proliferation of endothelial cells, and apoptosis in a number of human cell lines. Initially, DR3 was thought to be a receptor for TWEAK, but further studies have shown that TWEAK could induce apoptosis via receptors distinct from DR3. While TWEAK exhibits overlapping signaling functions to TNF, it is generally less effective in inducing apoptosis, giving rise to its name, TNF-like weak inducer of apoptosis. For detection of human TWEAK by sandwich ELISA, a combination of purified CARL-2 for capture and biotinylated CARL-1 for detection is recommended.

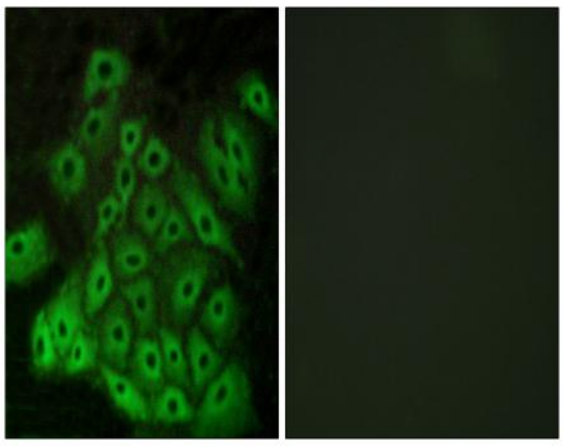
Sort : 24184

No4 : 1

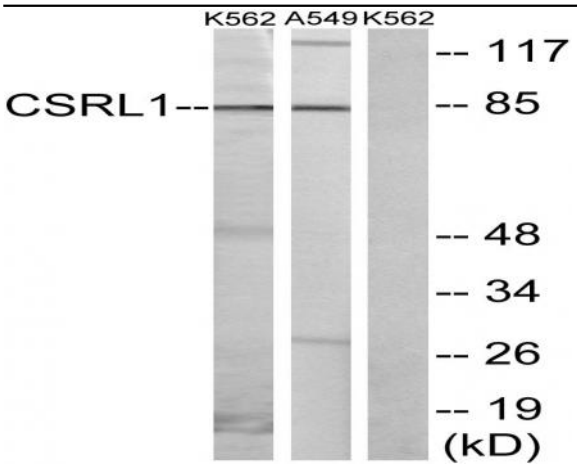
Host : Rabbit

Modifications : Unmodified

Products Images



Immunofluorescence analysis of A549 cells, using CSRL1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from K562 cells and A549 cells, using CSRL1 Antibody. The lane on the right is blocked with the synthesized peptide.