

F2R Antibody

Catalog No: #31256

Package Size: #31256-1 50ul #31256-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	F2R Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total F2R protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from 56-70 amino acids of human coagulation factor II (thrombin) receptor
Target Name	F2R
Other Names	coagulation factor II (thrombin) receptor, TR, HTR, CF2R, PAR1, PAR-1
Accession No.	Swiss-Prot:P25116Gene ID:2149;
Uniprot	P25116
GeneID	2149;
Concentration	0.3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C/1 year

Application Details

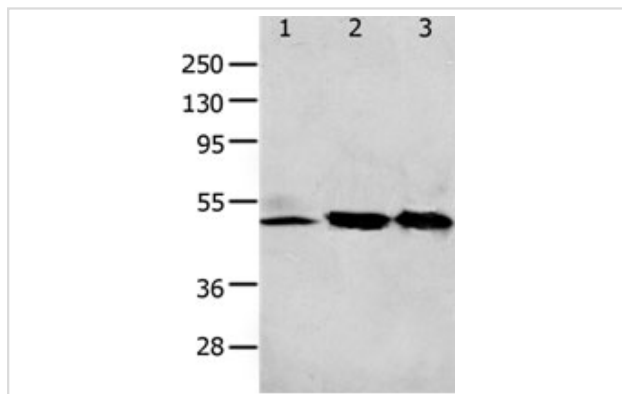
Predicted MW: 47kd

ELISA: 1:1000-1:5000

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:50-1:200

Images



Gel: 10+12% SDS-PAGE

Lane1: K562 cel lysate

Lane2: Human lymphoma tissue lysate

Lane3: Human fetal kidney tissue lysate

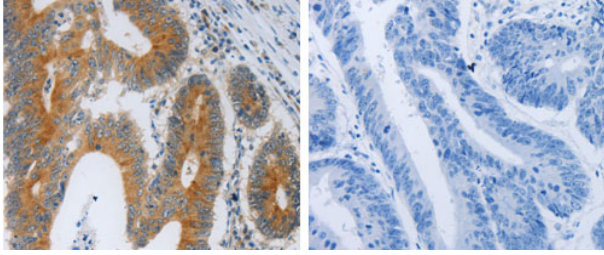
Lysates: 40ug per lane

Primary antibody: 1/650 dilution

Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at

1/5000 dilution

Exposure time: 2 minutes



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using 31256 (F2R Antibody) at dilution 1/40, on the right is treated with the synthetic peptide.

Background

Coagulation factor II receptor is a 7-transmembrane receptor involved in the regulation of thrombotic response. Proteolytic cleavage leads to the activation of the receptor. F2R is a G-protein coupled receptor family member. High affinity receptor for activated thrombin coupled to G proteins that stimulate phosphoinositide hydrolysis. May play a role in platelets activation and in vascular development.

Note: This product is for in vitro research use only