

Description

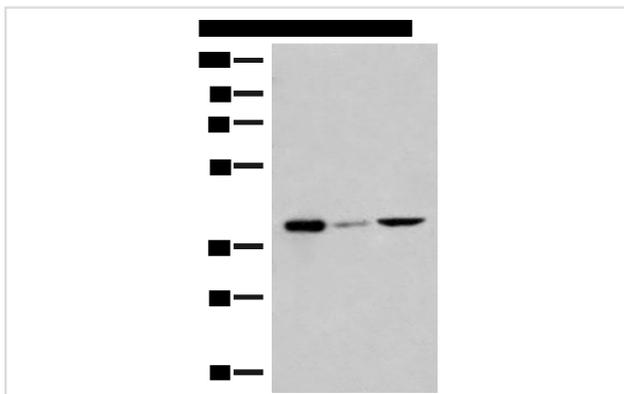
Product Name	GP6 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB, IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total GP6 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide of human GP6
Target Name	GP6
Other Names	GPIV; GPVI; BDPLT11
Accession No.	Swiss-Prot#:Q9HCN6NCBI Gene ID:51206Gene Accssion:NP_057447
Uniprot	Q9HCN6
GeneID	51206;
Calculated MW	37 kDa
Concentration	1.4
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

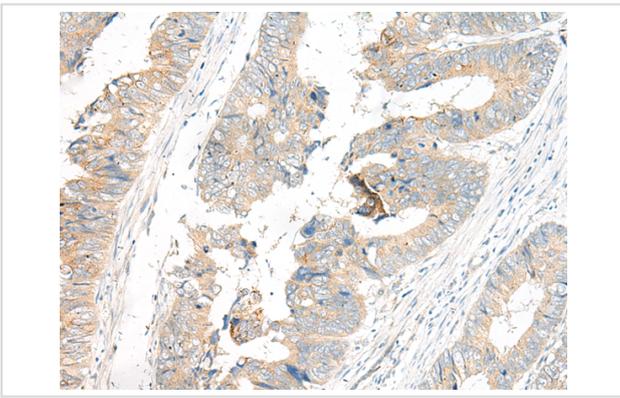
WB dilution:1:200-1000

IHC dilution:1: 50-300

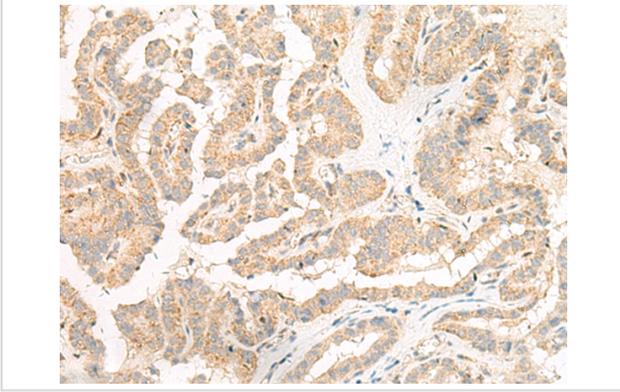
Images



Gel: 8%SDS-PAGE, Lysate: 40 µg, Lane 1-3: K562, Jurkat and 293T cell lysates, Primary antibody:47582(GP6 Antibody) at dilution 1/250, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 5 minutes



The image is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using 47582(GP6 Antibody) at dilution 1/50.(Original magnification: 200)



The image is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 47582(GP6 Antibody) at dilution 1/50.(Original magnification: 200)

Background

This gene encodes a platelet membrane glycoprotein of the immunoglobulin superfamily. The encoded protein is a receptor for collagen and plays a critical role in collagen-induced platelet aggregation and thrombus formation. The encoded protein forms a complex with the Fc receptor gamma-chain that initiates the platelet activation signaling cascade upon collagen binding. Mutations in this gene are a cause of platelet-type bleeding disorder-11 (BDPLT11). Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Note: This product is for in vitro research use only