

Description

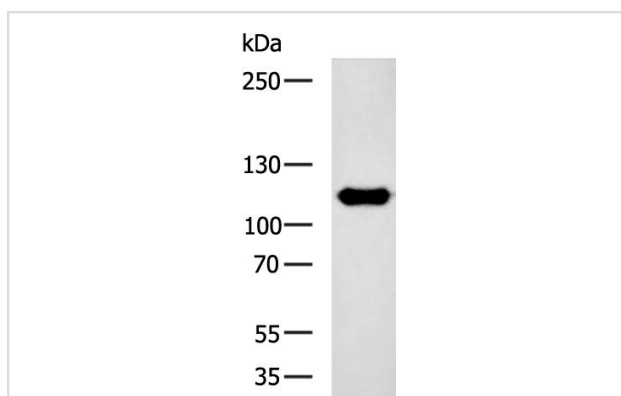
Product Name	NPR2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB, IHC
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of total NPR2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide of human NPR2
Target Name	NPR2
Other Names	AMDM; ANPb; NPRB; ANPRB; GUC2B; NPRBi; GUCY2B
Accession No.	Swiss-Prot#: P20594NCBI Gene ID: 4882Gene Accssion: NP_003986
Uniprot	P20594
GeneID	4882;
Concentration	1.1 mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

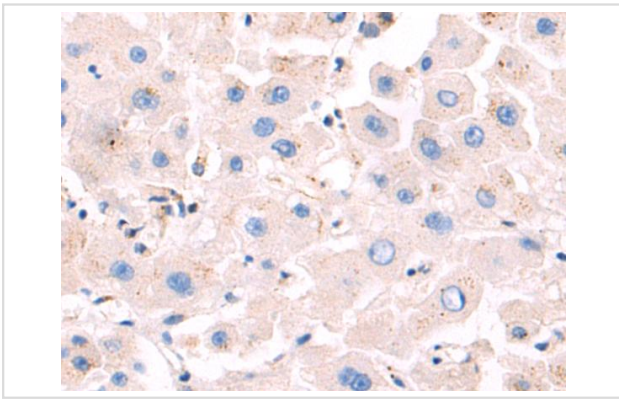
WB:1:1000~1:5000

IHC:1:50-1:100

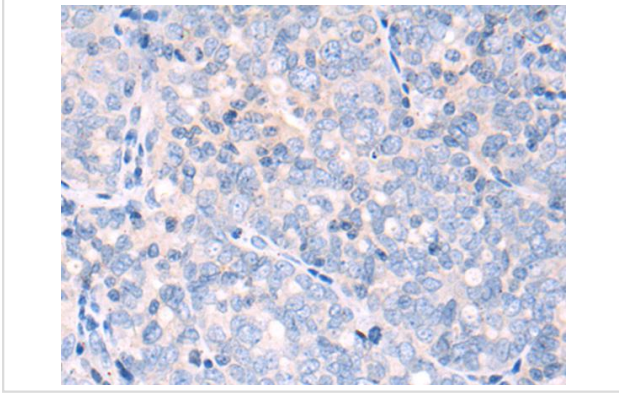
Images



Gel: 6%SDS-PAGE
Lysate: 40 ug
Lane: Mouse liver tissue lysate
Primary antibody: (NPR2 Antibody) at dilution 1/1100
Secondary antibody: (HRP-conjugated Goat anti rabbit IgG) at 1/5000 dilution
Exposure time: 40 seconds



The image is immunohistochemistry of paraffin-embedded human liver cancer tissue using (NPR2 Antibody) at dilution 1/50



The image on the is immunohistochemistry of paraffin-embedded human ovarian cancer tissue using (NPR2 Antibody) at dilution 1/50

Background

This gene encodes natriuretic peptide receptor B, one of two integral membrane receptors for natriuretic peptides. Both NPR1 and NPR2 contain five functional domains: an extracellular ligand-binding domain, a single membrane-spanning region, and intracellularly a protein kinase homology domain, a helical hinge region involved in oligomerization, and a carboxyl-terminal guanylyl cyclase catalytic domain. The protein is the primary receptor for C-type natriuretic peptide (CNP), which upon ligand binding exhibits greatly increased guanylyl cyclase activity. Mutations in this gene are the cause of acromesomelic dysplasia Maroteaux type.

Note: This product is for in vitro research use only