

## DEPTOR Antibody

Catalog No: #47047

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

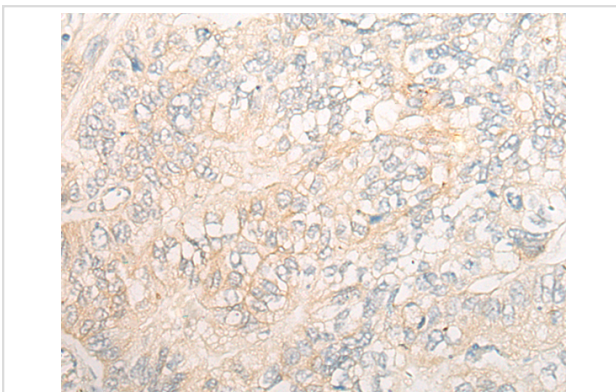
## Description

Product Name	DEPTOR Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB, IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DEPTOR protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human DEPTOR
Target Name	DEPTOR
Other Names	DEP.6; DEPDC6
Accession No.	Swiss-Prot#:Q8TB45 NCBI Gene ID:64798Gene Accsion:NP_073620
Uniprot	Q8TB45
GeneID	64798;
Calculated MW	46 kDa
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20C

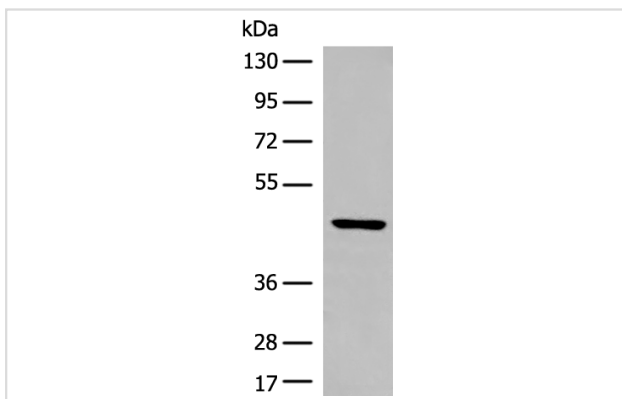
## Application Details

Western blotting:1:200-1000Immunofluorescence:1: 20-100

## Images



The image is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using 47047(DEPTOR Antibody) at dilution 1/20. (Original magnification: ?00)



Gel: 8%SDS-PAGE  
Lysate: 40 µg, Lane: Mouse liver tissue lysate  
Primary antibody:DEPTOR Antibody at dilution 1/300  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 1 minute

## Background

DEPTOR (DEP domain containing MTOR-interacting protein), also known as DEP.6 or DEPDC6 (DEP domain-containing protein 6), is a 409 amino acid protein that negatively regulates mTORC1 and mTORC2 pathways. DEPTOR interacts with FRAP via its PDZ domain, and undergoes post-translational phosphorylation. Containing two DEP domains and one PDZ (DHR) domain, DEPTOR is encoded by a gene that maps to human chromosome 8q24.12. Chromosome 8 consists of nearly 146 million base pairs, encodes over 800 genes and is associated with a variety of diseases and malignancies. Schizophrenia, bipolar disorder, Trisomy 8, Pfeiffer syndrome, congenital hypothyroidism, Waardenburg syndrome and some leukemias and lymphomas are thought to occur as a result of defects in specific genes that map to chromosome 8.

Note: This product is for in vitro research use only