

XRN1 Antibody

Catalog No: #43803

Package Size: #43803-1 50ul #43803-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

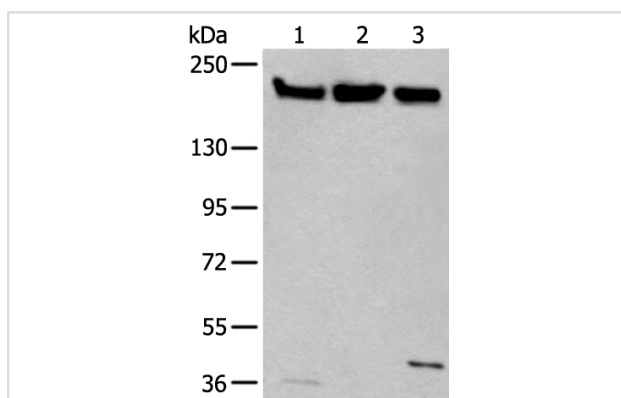
Product Name	XRN1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total XRN1 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human XRN1
Target Name	XRN1
Other Names	SEP1
Accession No.	Swiss-Prot#: Q8IZH2NCBI Gene ID: 54464
Calculated MW	194kd
Concentration	0.6mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1000

Immunohistochemistry: 1: 10-50

Images



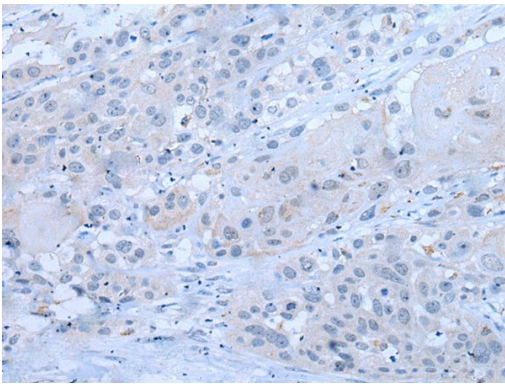
Gel: 6%SDS-PAGE

Lysate: 40 µg, Lane 1-3: HeLaB&B-231 and K562 cell lysates,

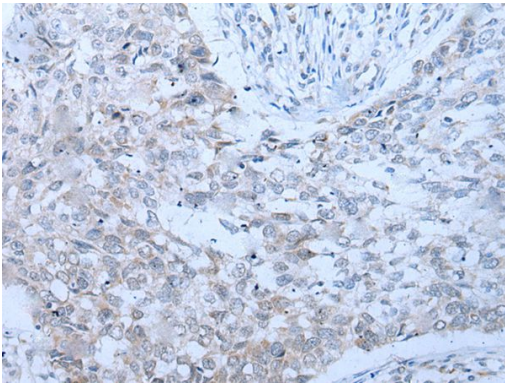
Primary antibody:XRN1 antibody at dilution 1/250,

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,

Exposure time: 2 minutes



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using XRN1 Antibody at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using XRN1 Antibody at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

This gene encodes a member of the 5'-3' exonuclease family. The encoded protein may be involved in replication-dependent histone mRNA degradation, and interacts directly with the enhancer of mRNA-decapping protein 4. In addition to mRNA metabolism, a similar protein in yeast has been implicated in a variety of nuclear and cytoplasmic functions, including homologous recombination, meiosis, telomere maintenance, and microtubule assembly. Mutations in this gene are associated with osteosarcoma, suggesting that the encoded protein may also play a role in bone formation. Alternative splicing results in multiple transcript variants.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.