



DEF-3 Polyclonal Antibody

Catalog No	YP-Ab-01650
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;IHC;IF;ELISA
Gene Name	RBM6
Immunogen	The antiserum was produced against synthesized peptide derived from human RBM6. AA range:991-1040
Specificity	DEF-3 Polyclonal Antibody detects endogenous levels of DEF-3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NY LU 12;Lung cancer antigen NY-LU-12;HLC 11;g16;DEF3;RBM6;RNA-binding protein 6;Protein G16;RNA-binding motif protein 6;RNA-binding protein DEF-3
Observed Band	150kD
Calculated Molecular Weight	150kD
Cell Pathway	Nucleus .
Tissue Specificity	Ubiquitous in adults.
Function	disease:Defects in RBM6 are found in non-small cell lung cancer (NSCLC) cell lines.,function:Specifically binds poly(G) RNA homopolymers in vitro., PTM:Phosphorylated upon DNA damage, probably by ATM or ATR., similarity:Contains 1 G-patch domain.,similarity:Contains 1 RRM (RNA recognition motif) domain.,tissue specificity:Ubiquitous in adults.,

**Background**

disease:Defects in RBM6 are found in non-small cell lung cancer (NSCLC) cell lines.,function:Specifically binds poly(G) RNA homopolymers in vitro., PTM:Phosphorylated upon DNA damage, probably by ATM or ATR., similarity:Contains 1 G-patch domain.,similarity:Contains 1 RRM (RNA recognition motif) domain.,tissue specificity:Ubiquitous in adults.,

matters needing attention

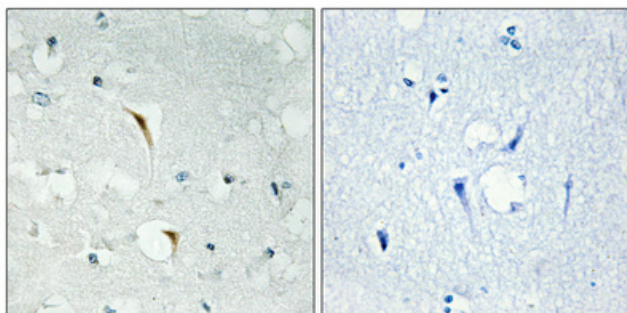
Avoid repeated freezing and thawing!

Usage suggestions

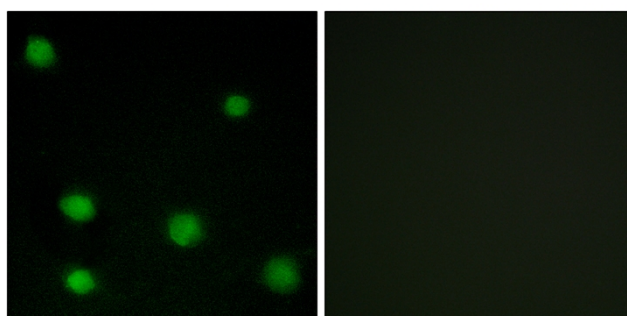
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



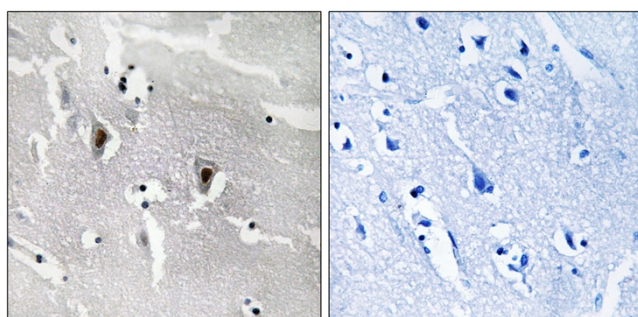
Products Images



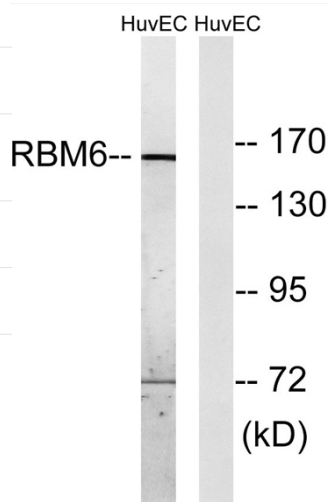
Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA, pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



Immunofluorescence analysis of COS7 cells, using RBM6 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using RBM6 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HUVEC cells, using RBM6 Antibody. The lane on the right is blocked with the synthesized peptide.