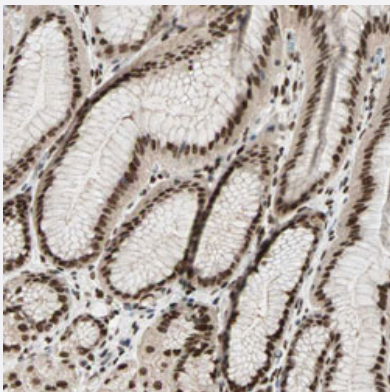


BLM polyclonal antibody

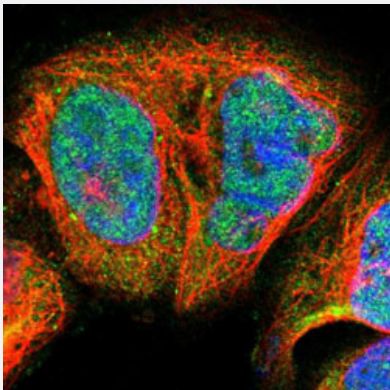
Catalog # PAB30745 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human stomach with BLM polyclonal antibody (Cat # PAB30745) shows strong nuclear positivity in glandular cells.



Immunofluorescence

Immunofluorescent staining of A-431 cells with BLM polyclonal antibody (Cat # PAB30745) (Green) shows positivity in nucleus and cytoplasm.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human BLM.
Immunogen	Recombinant protein corresponding to human BLM.
Sequence	STLKDLDTS DRKEDVLSTSKDLLSKPEKMSMQELNPETSTDCDARQISLQQQLIHVMEHICKLIDTI PDDKLKLLDCGNELLQQRNIRKLLTEVDFNKSDASLLGSLWRYRPDSL DGPMEGDSCPTGNSM KELNFSHLPSNSV
Host	Rabbit

Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — BLM

Entrez GeneID	641
Protein Accession#	P54132
Gene Name	BLM
Gene Alias	BS, MGC126616, MGC131618, MGC131620, RECQ2, RECQL2, RECQL3
Gene Description	Bloom syndrome
Omim ID	210900 604610
Gene Ontology	Hyperlink

Gene Summary

The Bloom syndrome gene product is related to the RecQ subset of DExH box-containing DNA helicases and has both DNA-stimulated ATPase and ATP-dependent DNA helicase activities. Mutations causing Bloom syndrome delete or alter helicase motifs and may disable the 3'-5' helicase activity. The normal protein may act to suppress inappropriate recombination. [provided by RefSeq]

Other Designations

Bloom syndrome protein

Pathway

- [Homologous recombination](#)

Disease

- [Adenocarcinoma](#)
- [Bloom Syndrome](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Colorectal Neoplasms](#)
- [Cystic fibrosis](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fanconi Anemia](#)
- [Gaucher disease](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)

- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Malignant melanoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Neoplasms](#)
- [Occupational Diseases](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)