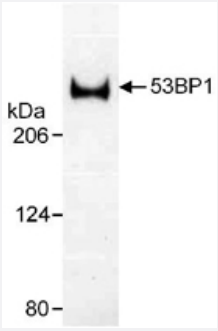
TP53BP1 polyclonal antibody

Catalog # PAB12507 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of human TP53BP1 using TP53BP1 polyclonal antibody (Cat # PAB12507). Sample : Whole cell lysate (20 ug/lane) from U-2 OS cells resolved on a 3 to 8% trisacetate gel.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant TP53BP1.
Immunogen	Recombinant protein corresponding to human TP53BP1.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	This antibody is specific to human 53BP1 protein.
Form	Liquid
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	Immunocytochemistry (1:200-1:1000) Immunofluorescence (1:50-1:200) Western Blot (1:2000-1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunofluorescence
- Immunocytochemistry
- Western Blot (Cell lysate)

  Western blot analysis of human TP53BP1 using TP53BP1 polyclonal antibody (Cat # PAB12507). Sample : Whole cell lysate (20 ug/lane) from U-2 OS cells resolved on a 3 to 8% trisacetate gel.

Gene Info — TP53BP1

Entrez GeneID	7158
Protein Accession#	NP_005648.1
Gene Name	TP53BP1
Gene Alias	53BP1, FLJ41424, MGC138366, p202
Gene Description	tumor protein p53 binding protein 1
Omim ID	605230
Gene Ontology	Hyperlink
Gene Summary	1|tumor protein p53-binding protein
Other Designations	tumor protein 53-binding protein, 1|tumor protein p53-binding protein, 1

Publication Reference

- Co-essentiality analysis identifies PRR12 as a cohesin interacting protein and contributor to genomic integrity.

  Alexandra L Nguyen, Eric M Smith, Iain M Cheeseman.

  Developmental cell 2024 Dec; 60:1.

  Application: IF, Human, mouse, HeLa, NIH-3T3 cels

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- HPV-16 E7 reveals a link between DNA replication stress, fanconi anemia D2 protein, and alternative lengthening of telomere-associated promyelocytic leukemia bodies.

  Spardy N, Duensing A, Hoskins EE, Wells SI, Duensing S.

  Cancer Research 2008 Dec; 68(23):9954.

- Death receptor-induced activation of the Chk2- and histone H2AX-associated DNA damage response pathways.

  Solier S, Sordet O, Kohn KW, Pommier Y.

  Molecular and Cellular Biology 2009 Jan; 29(1):68.

  Application: IF, Human, HCT-116 cells

- Impaired DNA double-strand break repair contributes to chemoresistance in HIF-1 alpha-deficient mouse embryonic fibroblasts.

  Wirthner R, Wrann S, Balamurugan K, Wenger RH, Stiehl DP.

  Carcinogenesis 2008 Oct; 29(12):2306.

- Leukocyte DNA damage after multi-detector row CT: a quantitative biomarker of low-level radiation exposure.

  Rothkamm K, Balroop S, Shekhdar J, Fernie P, Goh V.

  Radiology 2007 Jan; 242(1):244.

  Application: IF, Human, PBMCs

Disease

- Adenocarcinoma
- Ataxia telangiectasia
- Breast cancer
- Breast Neoplasms
- Carcinoma
- Colorectal Neoplasms
- DNA Damage
- Esophageal Neoplasms
- Gastroesophageal Reflux

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- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Lung Neoplasms
- Neoplasms
- Pancreatic Neoplasms
- Skin Neoplasms
- Stomach Neoplasms
- Tobacco Use Disorder
- Werner syndrome

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