53BP1 Recombinant antibody

Cat:B35012D

Company： HaoKebio

Uniprot ID:Q12888

Organism: Rabbit

Species reactivity: Human

Molecular Weight Calculation: 214 kDa

Observed Molecular Weight: 450 kDa

Applications: IHC:1:50-1:100

IHC-Polymer:1:200-1:400

IHC-TSA:1:250-1:1000

WB:1:5000-1:50000

Background:

This gene encodes a protein that functions in the DNA double-strand break repair pathway choice, promoting non-homologous end joining (NHEJ) pathways, and limiting homologous recombination. This protein plays multiple roles in the DNA damage response, including promoting checkpoint signaling following DNA damage, acting as a scaffold for recruitment of DNA damage response proteins to damaged chromatin, and promoting NHEJ pathways by limiting end resection following a double-strand break. These roles are also important during V(D)J recombination, class switch recombination and at unprotected telomeres. Alternative splicing results in multiple transcript variants encoding different isoforms.

Protein full name:

p53 Binding Protein 1

Synonyms:

TP53; p202; 53BP1; TDRD30; p53BP1

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02%sodium azide,100 μg/ml BSA and 50% glycerol.

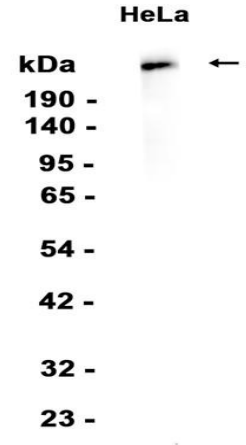
Storage:

Store at -20 ℃ for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes.Incubate antibody, 4℃ overnight.Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Dilution of 1:10000 incubated at room temperature for 1.5 hours.

Source of Reagents:

发表[中文论文]请标注:53BP1(B35012D)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:53BP1(B35012D) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.