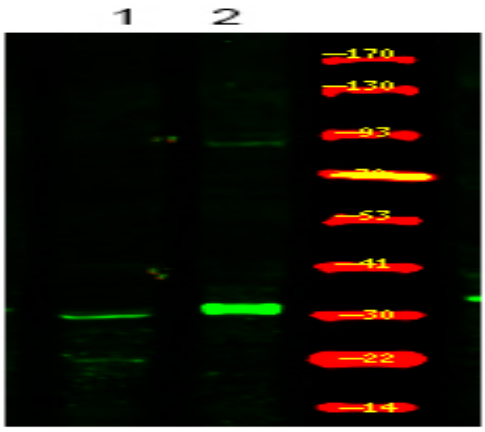
Best Tools for immunology Research

XPA (Phospho Ser196) rabbit pAb

Catalog No :	YP1722
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	XPA
Fields :	>>Platinum drug resistance;>>Nucleotide excision repair
Gene Name :	XPA XPAC
Protein Name :	XPA (Phospho-Ser196)
Human Gene Id :	7507
Human Swiss Prot No :	P23025
Mouse Gene Id :	22590
Mouse Swiss Prot No :	Q64267
Immunogen :	Synthesized peptide derived from human XPA (Phospho-Ser196)
Specificity :	This antibody detects endogenous levels of XPA (Phospho-Ser196) at Human, Mouse,Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml

Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	30kD
Background :	This gene encodes a zinc finger protein involved in DNA excision repair. The encoded protein is part of the NER (nucleotide excision repair) complext which is responsible for repair of UV radiation-induced photoproducts and DNA adducts induced by chemical carcinogens. Mutations in this gene are associated with xeroderma pigmentosum complementation group A. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Mar 2009],
Function :	disease:Defects in XPA are a cause of xeroderma pigmentosum complementation group A (XP-A) [MIM:278700]; also known as xeroderma pigmentosum type 1 (XP1). XP-A is a rare human autosomal recessive disease characterized by solar sensitivity, high predisposition for developing cancers on areas exposed to sunlight and, in some cases, neurological abnormalities. Group A patients show the most severe skin symptoms and progressive neurological disorders.,function:Involved in DNA excision repair. Initiates repair by binding to damaged sites with various affinities, depending on the photoproduct and the transcriptional state of the region. Required for UV-induced CHK1 phosphorylation and the recruitment of CEP164 to cyclobutane pyrimidine dimmers (CPD), sites of DNA damage after UV irradiation.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the XPA family.,subun
Subcellular Location :	Nucleus .
Expression :	Expressed in various cell lines and in skin fibroblasts.
Tag :	orthogonal
Sort :	25201
No4 :	1
Host :	Rabbit
Modifications :	Phospho

Products Images



Western Blot analysis of 1 Hela cell, 2 Serum-free treated ,using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000