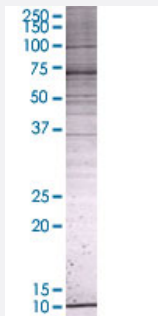


XPA 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00007507-T01

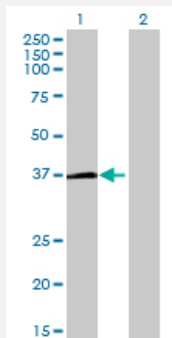
Size 100 uL

Applications



SDS-PAGE Gel

XPA transfected lysate.



Western Blot

Lane 1: XPA transfected lysate (30.14 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-XPA full-length
Host	Human
Theoretical MW (kDa)	30.14
Interspecies Antigen Sequence	Mouse (86); Rat (86)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-XPA antibody ([H00007507-B01](#)) by Western Blots.
 SDS-PAGE Gel
 XPA transfected lysate.
 Western Blot
 Lane 1: XPA transfected lysate (30.14 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — XPA

Entrez GeneID

[7507](#)

GeneBank Accession#

[NM_000380.2](#)

Protein Accession#

[NP_000371.1](#)

Gene Name

XPA

Gene Alias

XP1, XPAC

Gene Description

xeroderma pigmentosum, complementation group A

Omim ID

[278700 611153](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a zinc finger protein involved in DNA excision repair. The encoded protein is part of the NER (nucleotide excision repair) complex 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]

Other Designations

OTTHUMP00000021751|excision repair-controlling

Pathway

- [Nucleotide excision repair](#)

Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Ataxia telangiectasia](#)
- [Bone Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cell Transformation](#)
- [Chromosome Aberrations](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Disease Progression](#)
- [DNA Damage](#)
- [Endometrial Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hearing Loss](#)
- [Infertility](#)
- [Kidney Neoplasms](#)
- [Laryngeal Neoplasms](#)

- [Leiomyoma](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Micronuclei](#)
- [Mouth Neoplasms](#)
- [Multiple Sclerosis](#)
- [Neoplasm Metastasis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neutropenia](#)
- [Obesity](#)
- [Osteosarcoma](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Pharyngeal Neoplasms](#)
- [Precancerous Conditions](#)
- [Pulmonary Disease](#)
- [Rectal Neoplasms](#)
- [Recurrence](#)
- [Skin Neoplasms](#)
- [Stomach Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Neoplasms](#)
- [Werner syndrome](#)

- [Xeroderma Pigmentosum](#)