

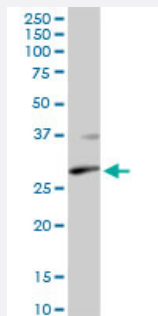
MaxPab®

XPA purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00007507-D01P

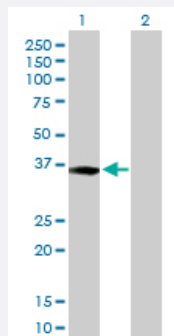
Size 100 ug

Applications



Western Blot (Tissue lysate)

XPA MaxPab rabbit polyclonal antibody. Western Blot analysis of XPA expression in mouse kidney.



Western Blot (Transfected lysate)

Western Blot analysis of XPA expression in transfected 293T cell line ([H00007507-T02](#)) by XPA MaxPab polyclonal antibody.

Lane 1: XPA transfected lysate(31.40 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human XPA protein.

Immunogen

XPA (NP_000371.1, 1 a.a. ~ 273 a.a) full-length human protein.

Sequence

MAAADGALPEAAALEQPAELPASVRASIERKRQRALMLRQARLAARPYSATAAAATGGMANVKA
APKIIDTGGGFILEEEEEEEQKIGKVHQPGPVMEFDYVICEECGKEFMDSYLMNHFDLPTCDNCR
DADDKHKLITKTEAKQEYLLKDCDLEKREPPLKFVKKNP HHSQW GDMKLYLKLQV KRSLEVWG
SQEAL EEAKEVRQENREKMKQKKFDKKVKELRRAVRSSVWKRETVHQHEYGPEENLEDDMYR
KTCTMCGHELTYEKM

Host

Rabbit

Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (86); Rat (86)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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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](#)