

## Product datasheet

# Anti-XPA antibody ab84780

★★★★☆ 1 Abreviews 3 图像

### 概述

产品名称	Anti-XPA抗体
描述	兔多克隆抗体to XPA
宿主	Rabbit
经测试应用	适用于: IHC-P
种属反应性	与反应: Mouse, Human 预测可用于: Rhesus monkey, Gorilla, Elephant
免疫原	Synthetic peptide, corresponding to a region between residue 1 and 50 of human XPA (NP_000371.1).
阳性对照	Human controls: Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Prostate Carcinoma, Stomach Adenocarcinoma, Testicular Seminoma Mouse controls: Teratoma

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.09% Sodium Azide Constituents: 0.1% BSA, Tris buffered saline
纯度	Immunogen affinity purified
纯化说明	ab84780 was affinity purified using an epitope specific to XPA immobilized on solid support.
克隆	多克隆
同种型	IgG

### 应用

Our [Abpromise guarantee](#) covers the use of **ab84780** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
IHC-P	★★★★☆	

## 应用说明

IHC-P: 1/100 - 1/500. Epitope exposure is recommended. Epitope exposure with citrate buffer will enhance staining.

Likely to work with frozen sections.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## 靶标

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### 功能

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 dimers (CPD), sites of DNA damage after UV irradiation.

### 组织特异性

Expressed in various cell lines and in skin fibroblasts.

### 疾病相关

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.

### 序列相似性

Belongs to the XPA family.

### 翻译后修饰

Phosphorylated upon DNA damage, probably by ATM or ATR.  
Ubiquitinated by HERC2 leading to degradation by the proteasome.

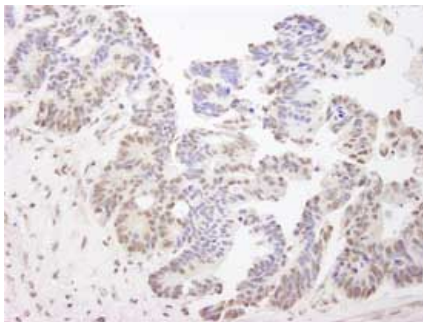
### 细胞定位

Nucleus.

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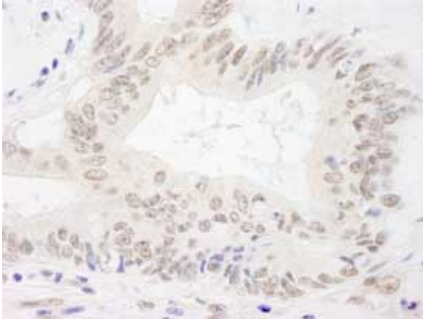
## 图片

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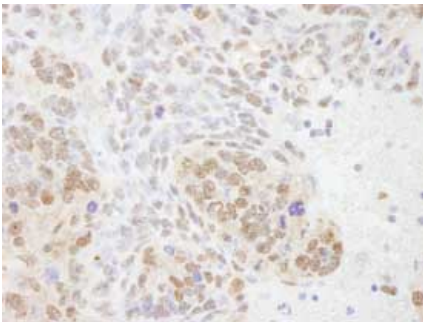
ab84780, at a 1/500 dilution, staining XPA in formalin fixed, paraffin embedded human ovarian tumor by Immunohistochemistry using DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - XPA antibody (ab84780)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - XPA antibody (ab84780)

ab84780, at a 1/500 dilution, staining XPA in formalin fixed, paraffin embedded human colon carcinoma by Immunohistochemistry using DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - XPA antibody (ab84780)

ab84780, at a 1/100 dilution, staining XPA in formalin fixed, paraffin embedded mouse teratoma by Immunohistochemistry using DAB staining.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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