abcam

Product datasheet

Anti-XPG antibody ab64931

★★★★☆ 1 Abreviews 1 References 画像数 1

製品の概要

製品名	Anti-XPG antibody
製品の詳細	Rabbit polyclonal to XPG
由来種	Rabbit
アプリケーション	**適用あり:** WB, ELISA
種交差性	**交差種:** Human
免疫原	Synthetic peptide derived from an internal sequence within Human XPG.
ポジティブ・コントロール	Extracts from K562 cells

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg^{2+} and Ca^{2+}), 150mM Sodium chloride, pH 7.4
精製度	Immunogen affinity purified
特記事項（精製）	ab64931 was affinity-purified from rabbit antiserum by affinity-chromatography using an epitope-specific immunogen.
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our Abpromise guarantee covers the use of **ab64931** in the following tested applications.

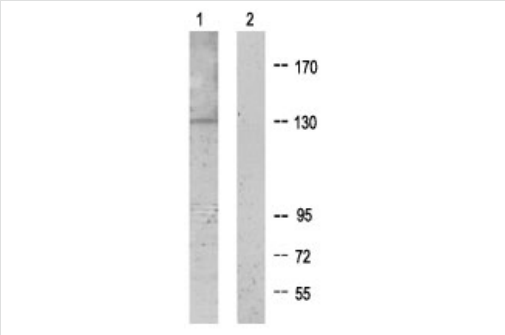
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB	★★★★☆	1/500 - 1/1000. Detects a band of approximately 130 kDa (predicted molecular weight: 133 kDa).
ELISA		1/5000.

ターゲット情報

機能	Single-stranded structure-specific DNA endonuclease involved in DNA excision repair. Makes the 3'incision in DNA nucleotide excision repair (NER). Acts as a cofactor for a DNA glycosylase that removes oxidized pyrimidines from DNA. May also be involved in transcription-coupled repair of this kind of damage, in transcription by RNA polymerase II, and perhaps in other processes too.
関連疾患	Defects in ERCC5 are the cause of xeroderma pigmentosum complementation group G (XP-G) [MIM:278780]; also known as xeroderma pigmentosum VII (XP7). Xeroderma pigmentosum is an autosomal recessive pigmentary skin disorder characterized by solar hypersensitivity of the skin, high predisposition for developing cancers on areas exposed to sunlight and, in some cases, neurological abnormalities. Some XP-G patients present features of Cockayne syndrome, including dwarfism, sensorineural deafness, microcephaly, mental retardation, pigmentary retinopathy, ataxia, decreased nerve conduction velocities.
配列類似性	Belongs to the XPG/RAD2 endonuclease family. XPG subfamily.
細胞内局在	Nucleus.

画像



Western blot - Anti-XPG antibody (ab64931)

All lanes : Anti-XPG antibody (ab64931) at 1/500 dilution

Lane 1 : Extracts from K562 cells
Lane 2 : Extracts from K562 cells with immunising peptide at 10 µg

Lysates/proteins at 30 µg per lane.

Predicted band size: 133 kDa
Observed band size: 130 kDa

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