abcam

Product datasheet

Anti-XPG antibody [8H7] ab46

1 Abreviews 3 References

概述

产品名称	Anti-XPG**抗体**[8H7]
描述	**小鼠**单**克隆抗体**[8H7] to XPG
宿主	Mouse
经测试应用	**适用于:** IP, WB
种属反应性	**与反应:** Human
免疫原	Recombinant fragment corresponding to Human XPG. Database link: **P28715**
表位	8H7 binds between human XPG residues Ser 947 and Ala 1165.
常规说明	Works well on crude cell extract. The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.02% Sodium azide Constituent: 99.98% PBS
纯度	Protein A purified
克隆	单**克隆**
克隆编号	8H7
骨髓瘤	Sp2
同种型	IgG2a
轻链类型	unknown

应用

The Abpromise guarantee Abpromise™承诺保证使用ab46于以下的经测试应用

"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IP	★★★☆☆ (1)	Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.

靶标

功能	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.
疾病相关	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.
序列相似性	Belongs to the XPG/RAD2 endonuclease family. XPG subfamily.
细胞定位	Nucleus.

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