

Product datasheet for **TA890156**

XPC Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~2000
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human XPC
Formulation:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	2.55 mg/ml
Purification:	Purified from the immunized serum by affinity chromatography (Protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	105.8 kDa
Gene Name:	XPC complex subunit, DNA damage recognition and repair factor
Database Link:	NP_004619 Entrez Gene 22591 MouseEntrez Gene 312560 RatEntrez Gene 7508 Human Q01831

Background: This gene encodes a component of the nucleotide excision repair (NER) pathway. There are multiple components involved in the NER pathway, including Xeroderma pigmentosum (XP) A-G and V, Cockayne syndrome (CS) A and B, and trichothiodystrophy (TTD) group A, etc. This component, XPC, plays an important role in the early steps of global genome NER, especially in damage recognition, open complex formation, and repair protein complex formation. Mutations in this gene or some other NER components result in Xeroderma pigmentosum, a rare autosomal recessive disorder characterized by increased sensitivity to sunlight with the development of carcinomas at an early age. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Mar 2009]



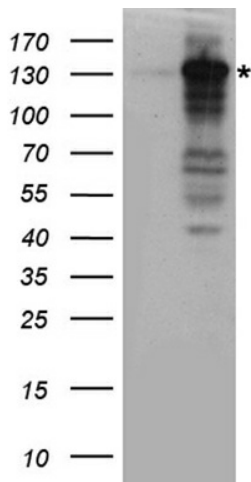
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Synonyms: p125; RAD4; XP3; XPCC

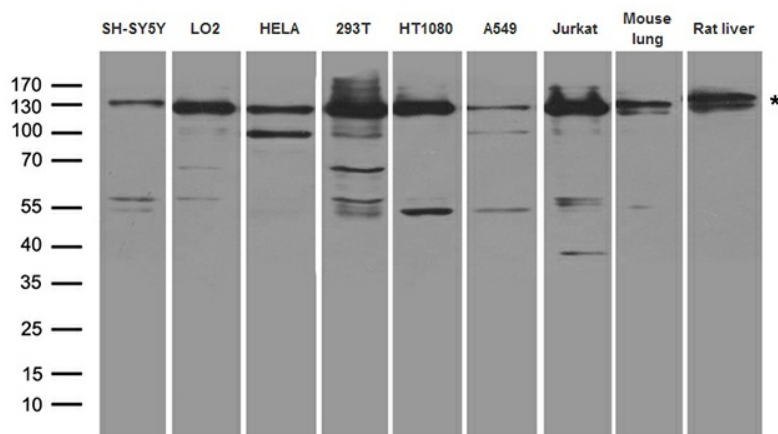
Protein Families: Druggable Genome

Protein Pathways: Nucleotide excision repair

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY XPC (Cat# [RC204483], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-XPC rabbit polyclonal antibody (Cat# TA890156).



Western blot analysis of extracts (35ug) from different cell lines and tissues by using anti-XPC rabbit polyclonal antibody.