

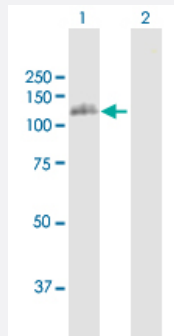
MaxPab®

ERCC4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002072-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ERCC4 expression in transfected 293T cell line ([H00002072-T01](#)) by ERCC4 MaxPab polyclonal antibody.

Lane 1: ERCC4 transfected lysate(100.8 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ERCC4 protein.

Immunogen

ERCC4 (AAI60102.1, 1 a.a. ~ 916 a.a) full-length human protein.

Sequence

MESGQPARRIAMAPLLEYERQLVLELLDGLVVCARGLGADRLLYHFLQLHCHPACLVVLNTQ
PAEEYFINQLKIEGVEHLPRRVITNEITSNSRYEYVTQGGVIFATSRILVVDFTDRIPSDLITGILVYRA
HRIESCQEAFILRLFRQKNKRGFIKFTDNAVAFDTGFCHEVERVMRNLVVRKLYLWPRFHVAVNS
FLEQHKPEVVEIHVSMTPTMLAIQTALDILNACLKELKCHNPSSLEVEDLSLENAIGKPFDKTIRHYLD
PLWHQLGAKTKSLVQDLKILRTLLQYLSQYDCVTFNLNLESRLATEKAFGQNSGWLFLDSSTSMFI
NARARVYHLPDAKMSKKEKISEKMEIKEGEETKKELVLESNPKWEALTEVLKEIEAENKESEALG
GPGQVLICASDDRTCSQLRDYITLGAEAFLLRLRYKTFEKDSKAEVWVKFRKEDSSKRIRKSHK
RPKDPQNKERASTKERTLKKKKRKLTLTQMVGKPEEEEEGDVEEGYRREISSPESCPEEIKHE
EFDVNLSSDAAFGILKEPLTIHPLLGCSDPYALTRVLHEVEPRYVLYDAELTFVRQLEIRASRPG
KPLRVYFLYGGSTEEQRYLTALRKEKEAFEKLIREKASMVVPEEREGRDETNDLVRGTASADVS
TDTRKAGGQEQNGTQQSIVDMREFRSELP SLIHRRGIDIEPVTLEVGDYILTPEMCVERKSISDLIG
SLNNGRLYSQCISMSRYKRPVLLIEFDPSKPFSLTSRGALFQEISSNDISSKLTLLTLHFPRRLRLW
CPSPHATAELFEELKQSKPQPDAAATALAITADSETLPESEKYNPGPQDFLLKMPGVNAKNCRL
MHHVKNAELAALSQDELTSILGNAANAKQLYDFIHTSFAEVVSKGKGKK

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (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.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of ERCC4 expression in transfected 293T cell line ([H00002072-T01](#)) by ERCC4 MaxPab polyclonal antibody.

Lane 1: ERCC4 transfected lysate(100.8 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — ERCC4

Entrez GeneID	2072
GeneBank Accession#	BC160102.1
Protein Accession#	AA160102.1
Gene Name	ERCC4
Gene Alias	RAD1, XPF
Gene Description	excision repair cross-complementing rodent repair deficiency, complementation group 4
Omim ID	133520 278760 610965
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene forms a complex with ERCC1 and is involved in the 5' incision made during nucleotide excision repair. This complex is a structure specific DNA repair endonuclease that interacts with EME1. Defects in this gene are a cause of xeroderma pigmentosum complementation group F (XP-F), or xeroderma pigmentosum VI (XP6)
Other Designations	excision-repair, complementing defective, in Chinese hamster xeroderma pigmentosum, complementation group F

Pathway

- [Nucleotide excision repair](#)

Disease

- [Adenocarcinoma](#)
- [Adenoma](#)
- [Alzheimer disease](#)
- [Ataxia telangiectasia](#)
- [Bone Neoplasms](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Diseases](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cell Transformation](#)
- [Chromosome Aberrations](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Disease Susceptibility](#)
- [DNA Damage](#)
- [Endometrial Neoplasms](#)
- [Esophageal Neoplasms](#)

- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Head and Neck Neoplasms](#)
- [Hearing Loss](#)
- [Kidney Failure](#)
- [Laryngeal Neoplasms](#)
- [Leukemia](#)
- [Lung carcinoma](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Mouth Neoplasms](#)
- [Multiple Sclerosis](#)
- [Neoplasms](#)
- [Neuroma](#)
- [Obesity](#)
- [Oropharyngeal Neoplasms](#)
- [Osteosarcoma](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Pharyngeal Neoplasms](#)

- [Precancerous Conditions](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Rectal Neoplasms](#)
- [Recurrence](#)
- [Skin Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)
- [Xeroderma Pigmentosum](#)