

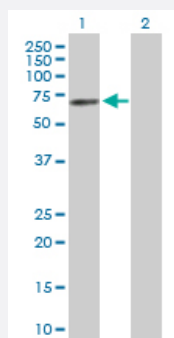
MaxPab®

ESR1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00002099-D01P

Size 100 ug

Applications

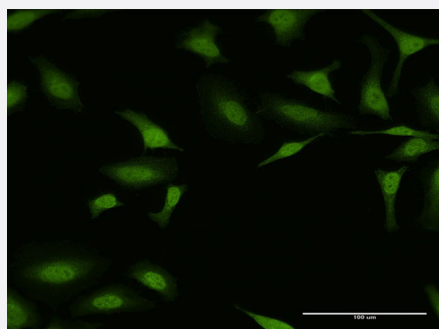


Western Blot (Transfected lysate)

Western Blot analysis of ESR1 expression in transfected 293T cell line ([H00002099-T03](#)) by ESR1 MaxPab polyclonal antibody.

Lane 1: ESR1 transfected lysate (66.20 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ESR1 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human ESR1 protein.

Immunogen

ESR1 (AAI28574.1, 1 a.a. ~ 595 a.a) full-length human protein.

Sequence	MTMTLHTKASGMALLHQIQGNELEPLNRPQLKIPLERPLGEVYLDSSKPAVYNYPEGAAAYEFNAAA AANAQVYGQTGLPYGPGSEAAAFGSNGLGGFPPLNSVSPSPLMLLHPPPQLSPFLQPHGQQVP YYLENESGYTVREAGPPAFYRPNSDNRRQGGRERLASTNDKGSMMAMESAKETRYCAVCNDYA SGYHYGVWSCEGCKAFFKRSIQGHNDYMCPATNQCTIDKNRRKSCQACRLRKCYEVGMMKGGI RKDRRGGRMLKHKRQRDDGEGRGEVGSAGDMRAANLWPSPLMIKRSKKNLALSLTADQMVS ALLDAEPPILYSEYDPTRPFSEASMMGLLTNLADRELVHMINWAKRVPGFVDLTLHDQVHLLECA WLEILMIGLVWRSMEHPGKLLFAPNLLLDNRNQGKCVEGMVEIFDMLLATSSRFRMMNLQGEEFV CLKSIILLNSGVYTFLSSTLKSLEEKDHIHRVLDKITDTLIHLMAKAGLTLQQHQRLAQLLLILSHIRH MSNKGMEHLYSMKCKNVVPLYDLLLEMLDAHRLHAPTSRGGASVEETDQSHLATAGSTSSHSLQ KYYITGEAEGFPATV
Host	Rabbit
Reactivity	Human
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

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ESR1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — ESR1

Entrez GeneID	2099
GeneBank Accession#	NM_000125.2
Protein Accession#	AAI28574.1
Gene Name	ESR1
Gene Alias	DKFZp686N23123, ER, ESR, ESRA, Era, NR3A1

Gene Description	estrogen receptor 1
Omim ID	133430 157300 608446
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an estrogen receptor, a ligand-activated transcription factor composed of several domains important for hormone binding, DNA binding, and activation of transcription. The protein localizes to the nucleus where it may form a homodimer or a heterodimer with estrogen receptor 2. Estrogen and its receptors are essential for sexual development and reproductive function, but also play a role in other tissues such as bone. Estrogen receptors are also involved in pathological processes including breast cancer, endometrial cancer, and osteoporosis. Alternative splicing results in several transcript variants, which differ in their 5' UTRs and use different promoters. [provided by RefSeq]
Other Designations	OTTHUMP00000017718 OTTHUMP00000017719 estrogen receptor alpha

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