

Datasheet for ABIN7433072

anti-Estrogen Receptor alpha antibody (AA 233-483)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	Estrogen Receptor alpha (ESR1)
Binding Specificity:	AA 233-483
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Estrogen Receptor Alpha (ERa)
Immunogen:	Recombinant Estrogen Receptor Alpha (ERa) corresponding to Ile233~Leu483 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ERa. It has been selected for its ability to recognize ERa in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	Estrogen Receptor alpha (ESR1)
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Target Details

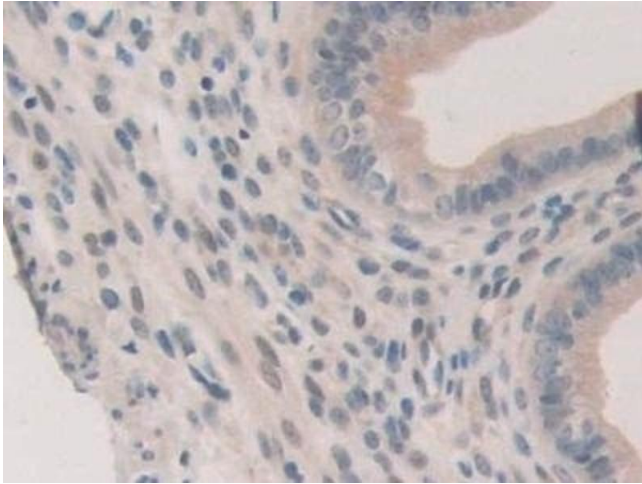
Alternative Name:	Estrogen Receptor Alpha (ESR1 Products)
Background:	ER-A1, ER, ESR, ESR1, ESRA, NR3A1, NR3-A1, Estrogen Receptor 1, Nuclear Receptor Subfamily 3, Group A, Member 1
Pathways:	Nuclear Receptor Transcription Pathway , EGFR Signaling Pathway , Retinoic Acid Receptor Signaling Pathway , Intracellular Steroid Hormone Receptor Signaling Pathway , Steroid Hormone Mediated Signaling Pathway , Ribonucleoprotein Complex Subunit Organization , Ribosome Assembly

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

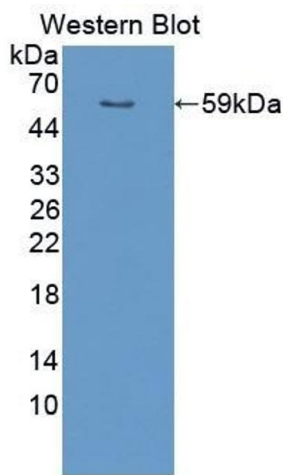
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



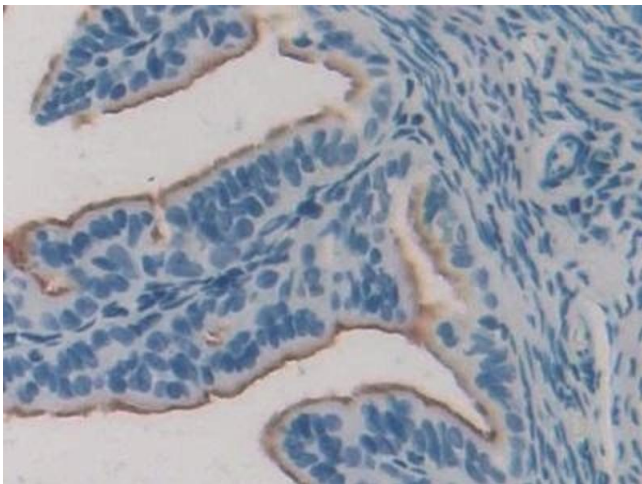
Immunohistochemistry

Image 1. Detection of ERα in Mouse Uterus Tissue using Polyclonal Antibody to Estrogen Receptor Alpha (ERα)



Western Blotting

Image 2. Detection of Recombinant ERα, Mouse using Polyclonal Antibody to Estrogen Receptor Alpha (ERα)



Immunohistochemistry

Image 3. Detection of ERα in Mouse Oviduct Tissue using Polyclonal Antibody to Estrogen Receptor Alpha (ERα)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7433072.