

Anti-Estrogen Receptor- α (Ab-537) Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A200050-01	50 μ l
A200050-02	100 μ l

Specificity	Anti-Estrogen Receptor- α (Ab-537) (human mouse)
Source	Rabbit Polyclonal
Application	WB ELISA IHC
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: P03372

Other Names: ER, ESR, ESR1, ESTR, ESTRA, Estradiol receptor, Estrogen receptor, NR3A1

Specificity and Sensitivity

Estrogen Receptor- α (Ab-537) antibody detects endogenous levels of total Estrogen Receptor- α protein.

Source and Purification

The antiserum was produced against synthesized non-phosphopeptide derived from human Estrogen Receptor- α around the phosphorylation site of tyrosine 537 (P-L-Y^P-D-L).

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 ELISA: 1:1000 IHC: 1:50~1:100

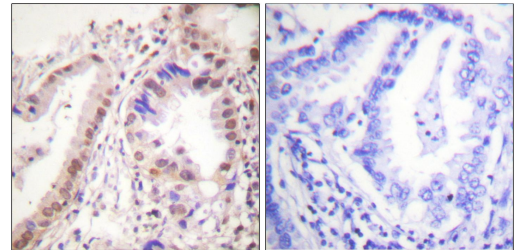
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

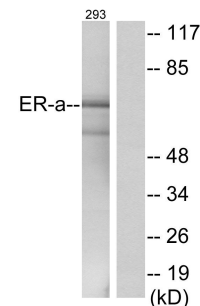
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



Peptide - +

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Estrogen Receptor- α (Ab-537) antibody.



Peptide - +

Western blot analysis of extracts from 293 cells, using Estrogen Receptor- α (Ab-537) antibody.