
Product Name: ER beta Rabbit Polyclonal Antibody**Catalog #: APRab03372**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
Molecular Weight	Calculated MW: 59 kDa; Observed MW: 59 kDa

Antigen Information

Gene Name	ESR2
Alternative Names	ESR2; ESTRB; NR3A2; Estrogen receptor beta; ER-beta; Nuclear receptor subfamily 3 group A member 2
Gene ID	2100
SwissProt ID	Q92731
Immunogen	The antiserum was produced against synthesized peptide derived from human Estrogen Receptor-beta. AA range:71-120

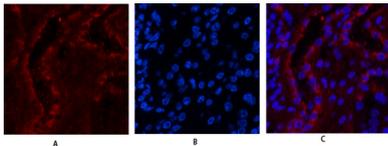
Background

Nuclear hormone receptor. Binds estrogens with an affinity similar to that of ESR1, and activates expression of reporter genes containing estrogen response elements (ERE) in an estrogen-dependent manner (PubMed:20074560).

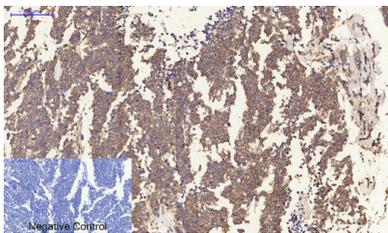
Research Area

Epigenetics and Nuclear Signaling

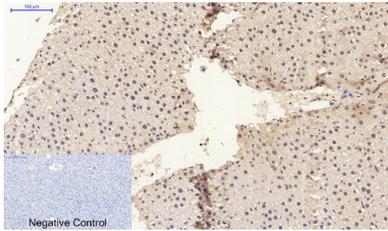
Image Data



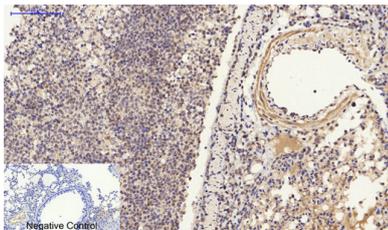
Immunofluorescence analysis of ER beta in mouse kidney tissue using ER beta antibody (red), and DAPI (blue).



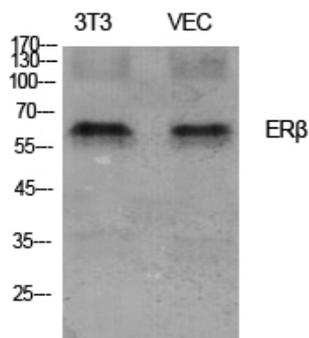
Immunohistochemical analysis of paraffin-embedded Human tonsils using ER beta antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.



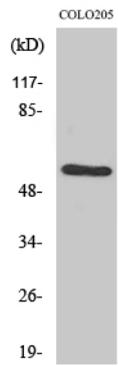
Immunohistochemistry analysis of paraffin-embedded rat liver tissue using ER β antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.



Immunohistochemistry analysis of paraffin-embedded mouse lung tissue using ER β antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.



Western blot analysis of ER beta in 3T3, VEC lysates using ER β antibody.



Western blot analysis of ER beta in COLO205 lysates using ER β antibody