

Estrogen Receptor beta Polyclonal Antibody

| Product Details | |
|--------------------|---|
| Size | 50 µg |
| Species reactivity | Human, Mouse, Non-human primate, Sheep, Rat |
| Published species | Bovine, Hamster, Human, Mouse, Non-human primate, Pig, Rat, Sheep |
| Host / Isotype | Rabbit / IgG |
| Class | Polyclonal |
| Type | Antibody |
| Conjugate | Unconjugated |
| Immunogen | Synthetic peptide corresponding to residues A(55) E P Q K S P W C E A R S L E H(70) of rat ER beta. |
| Form | Liquid |
| Concentration | 1 mg/mL |
| Purification | Antigen affinity chromatography |
| Storage buffer | PBS with 1mg/mL BSA |
| Contains | 0.05% sodium azide |
| Storage conditions | -20°C, Avoid Freeze/Thaw Cycles |
| RRID | AB_325597 |

| Applications | Tested Dilution | Publications |
|---|-----------------|-----------------|
| ChIP Assay (ChIP) | - | 2 Publications |
| Flow Cytometry (Flow) | - | 1 Publication |
| Gel Shift (GS) | 1 µg/mL | 1 Publication |
| Immunocytochemistry (ICC/IF) | 1 µg/mL | 8 Publications |
| Immunohistochemistry (IHC) | - | 31 Publications |
| Immunohistochemistry (Frozen) (IHC (F)) | 1 µg/mL | - |
| Immunohistochemistry (Paraffin) (IHC (P)) | 1 µg/mL | 2 Publications |
| Immunoprecipitation (IP) | - | 1 Publication |
| Miscellaneous Pubmed (Misc) | - | 1 Publication |
| Western Blot (WB) | 1 µg/mL | 29 Publications |

Product Specific Information

PA1-311 detects estrogen receptor (ER) beta from human, non-human primate, mouse, ovine and rat tissues.

PA1-311 has been successfully used in Western blot, immunocytochemistry and gel shift procedures. By Western blot, this antibody detects an ~55-62 kDa protein representing ER beta from rat brain homogenate. PA1-311 efficiently supershifts rat ER beta/ER response element (vitellogenin xenopus A2 gene).

The PA1-311 immunogen is a synthetic peptide corresponding to residues A(55) E P Q K S P W C E A R S L E H(70) of rat ER beta.

Recombinant ER beta expressed in baculovirus system (Cat. # RP-311 and RP-312) can be purchased for control experiments in Western blot and gel shift assays.

PA1-311 can be used with blocking peptide PEP-011.

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