**Product datasheet**

**Anti-Estrogen Related Receptor beta antibody ab19331**

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**Overview**

**Product name**  
Anti-Estrogen Related Receptor beta antibody

**Description**  
Rabbit polyclonal to Estrogen Related Receptor beta

**Host species**  
Rabbit

**Tested applications**  
Suitable for: IHC-Fr, WB, IP  
Unsuitable for: ICC/IF

**Species reactivity**  
Reacts with: Mouse, Rat

**Immunogen**  
Synthetic peptide:  
DYELSQRHEEPRR  
, corresponding to amino acids 376-388 of Mouse Estrogen Related Receptor beta.

**Positive control**  
rat kidney lysate

**Properties**

**Form**  
Liquid

**Storage instructions**  
Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

**Storage buffer**  
Preservative: 0.05% Sodium azide  
Constituents: PBS, 0.1% BSA

**Purity**  
Immunogen affinity purified

**Clonality**  
Polyclonal

**Isotype**  
IgG

**Applications**

Our Abpromise guarantee covers the use of ab19331 in the following tested applications.  
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
Application notes

**Function**
Nuclear receptor, may regulate ESR1 transcriptional activity.

**Involvement in disease**
Defects in ESRRB are the cause of deafness autosomal recessive type 35 (DFNB35) [MIM:608565]. DFNB35 is a form of sensorineural hearing loss. Sensorineural deafness results from damage to the neural receptors of the inner ear, the nerve pathways to the brain, or the area of the brain that receives sound information.

**Sequence similarities**
Belongs to the nuclear hormone receptor family. NR3 subfamily. Contains 1 nuclear receptor DNA-binding domain.

**Cellular localization**
Nucleus.

Images

Western blot detection of Estrogen Related Receptor beta from 100 ug of rat kidney lysate (1:500).

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