**Product datasheet**

**Anti-Casein Kinase 2 beta antibody ab227500**

**Overview**

**Product name**  
Anti-Casein Kinase 2 beta antibody

**Description**  
Rabbit polyclonal to Casein Kinase 2 beta

**Host species**  
Rabbit

**Tested applications**  
Suitable for: WB, IHC-P, ICC/IF

**Species reactivity**  
Reacts with: Human

**Predicted to work with**  
Mouse, Rat, Sheep, Rabbit, Chicken, Cow, Pig, Xenopus laevis, Zebrafish, Rhesus monkey

**Immunogen**  
Recombinant fragment within Human Casein Kinase 2 beta (internal sequence). The exact sequence is proprietary.  
Database link: P67870

**Positive control**  

**Properties**

**Form**  
Liquid

**Storage instructions**  

**Storage buffer**  
pH: 7.00  
Preservative: 0.01% Thimerosal (merthiolate)  
Constituents: PBS, 1% BSA, 20% Glycerol

**Purity**  
Immunogen affinity purified

**Clonality**  
Polyclonal

**Isotype**  
IgG

**Applications**

Our Abpromise guarantee covers the use of ab227500 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
Function
Participates in Wnt signaling (By similarity). Plays a complex role in regulating the basal catalytic activity of the alpha subunit.

Sequence similarities
Belongs to the casein kinase 2 subunit beta family.

Post-translational modifications
Phosphorylated by alpha subunit.

Images
Anti-Casein Kinase 2 beta antibody (ab227500) at 1/500 dilution + U-87 MG (human glioblastoma-astrocytoma epithelial cell line) whole cell lysate at 30 µg

**Predicted band size**: 25 kDa

12% SDS-PAGE gel.
Paraformaldehyde-fixed HeLa (human epithelial cell line from cervix adenocarcinoma) cells stained for Casein Kinase 2 beta (green) using ab227500 at 1/500 dilution in ICC/IF. Nuclear counterstain: Hoechst 33342 (blue).

Paraffin-embedded human breast cancer tissue stained for Casein Kinase 2 beta using ab227500 at 1/250 dilution in immunohistochemical analysis.

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