

**IQCD polyclonal antibody**

Catalog: BS34722

Host: Rabbit

Reactivity: Human, Mouse, Rat

**BackGround:**

Dynein regulatory complex subunit 10: Component of the nexin-dynein regulatory complex (N-DRC), a key regulator of ciliary/flagellar motility which maintains the alignment and integrity of the distal axoneme and regulates microtubule sliding in motile axonemes

**Product:**

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

**Molecular Weight:**

~52.4 kDa

**Swiss-Prot:**

Q96DY2

**Purification&Purity:**

The antibody was purified by immunogen affinity chromatography.

**Applications:**

WB (1/500 - 1/1000)

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Specificity:**

Recognizes endogenous levels of IQCD protein

**DATA:**

Western blot analysis of Beta-2 Adrenergic Receptor (Phospho-S346) expression in PC3 (A), HepG2 (B), HEK293T (C) whole cell lysates.

Immunohistochemical analysis of Beta-2 Adrenergic Receptor (Phospho-S346) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Immunofluorescent analysis of Beta-2 Adrenergic Receptor (Phospho-S346) staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

**Note:**

For research use only, not for use in diagnostic procedure.

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