

CCK-AR (P255) polyclonal antibody

Catalog: BS2613

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The cholecystokinin (CCK) family of peptide hormones have been implicated in numerous important physiologic events. These appear to be mediated through 2 general classes of receptors, A (CCKAR) and B (CCKBR), based on their binding affinities for CCK/gastrin family peptides. Through binding to class A receptors, CCK is a major physiologic mediator of gallbladder contraction and pancreatic enzyme secretion. It appears to play a role in slowing gastric emptying, relaxation of the sphincter of Oddi, and potentiation of insulin secretion. Further, it has been implicated as a mediator of pancreatic growth and tumorigenesis. Class A receptors have also been described in the anterior pituitary, myenteric plexus, and regions of the central nervous system, where they have been implicated in the pathogenesis of feeding disorders, Parkinson disease, schizophrenia, and drug addiction.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~47 kDa

Swiss-Prot:

P32238

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum

by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IF: 1:50~1:200

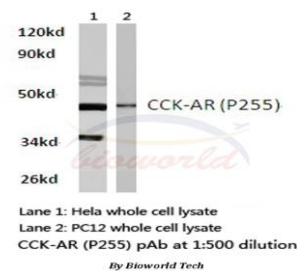
Storage&Stability:

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

Specificity:

CCK-AR (P255) polyclonal antibody detects endogenous levels of CCK-AR protein.

DATA:



Western blot (WB) analysis of CCK-AR (P255) polyclonal antibody in extracts from HeLa and PC12 cells.

Note:

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

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