

# CoraLite® Plus 488-conjugated 14-3-3 Epsilon Polyclonal antibody

Catalog Number: **CL488-11648**

Featured Product

## Basic Information

**Catalog Number:**

CL488-11648

**Size:**

1000 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG2247

**GenBank Accession Number:**

BC000179

**GeneID (NCBI):**

7531

**UNIPROT ID:**

P62258

**Full Name:**

tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide

**Calculated MW:**

255 aa, 29 kDa

**Observed MW:**

29-32 kDa

**Purification Method:**

Antigen affinity purification

**Excitation/Emission maxima wavelengths:**

493 nm / 522 nm

## Applications

**Tested Applications:**

FC (Intra)

**Species Specificity:**

human, mouse, rat

## Background Information

14-3-3 Epsilon (also known as YWHA E) is a member of 14-3-3 proteins which were the first phosphoserine/phosphothreonine-binding proteins to be discovered. 14-3-3 family members interact with a wide spectrum of proteins and possess diverse functions. Mammals express seven distinct 14-3-3 isoforms (gamma, epsilon, beta, zeta, sigma, theta, tau) that form multiple homo- and hetero- dimers. 14-3-3 proteins display the highest expression levels in the brain, and have been implicated in several neurodegenerative diseases, including Alzheimer's disease and amyotrophic lateral sclerosis. This antibody was raised against full-length 14-3-3 Epsilon.

## Storage

**Storage:**

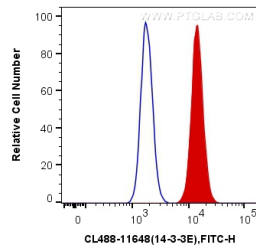
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human 14-3-3 Epsilon (CL488-11648) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).