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45-1015: Rabbit Polyclonal Antibody to CBP-tag

Clonality :	Polyclonal
Application :	ELISA, WB
Format :	Purified
Isotype :	Rabbit IgG
Immunogen Information :	A synthetic CBP tag peptide KRRWKKNFIAVSAANRFKKISSSGAL conjugated to KLH

Description

CBP tag is a calmodulin-binding peptide, KRRWKKNFIAVSAANRFKKISSSGAL, derived from skeletal/cardiac muscle myosin light chain kinase 2. Rabbit Anti-CBP-tag Polyclonal Antibody is developed in rabbit hosts using a synthetic CBP tag peptide conjugated to KLH. CBP-tag Antibody is highly purified from rabbit antiserum by immunoaffinity chromatography. The antibody is suitable for detecting CBP fusion proteins.

Product Info

Amount :	40 µg
Purification :	Immunoaffinity chromatography
Content :	0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide
Storage condition :	The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Application Note

ELISA: 0.05-0.2 Ã‚µg/ml
Western blot: 1-2 Ã‚µg/ml
Reconstitute the lyophilized powder with deionized water (or equivalent) to an antibody concentration of 0.5 mg/ml.

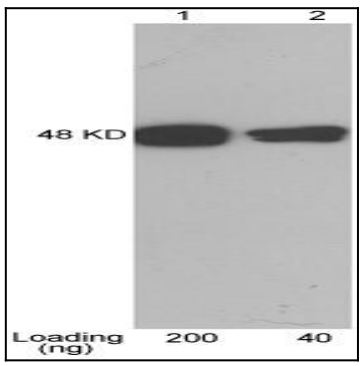

Figure-1 : Western blot analysis of CBP-tag Antibody at 1 µg/ml on CBP tagged fusion protein (200 & 40 ng) expressed in E. coli Cell Lysate.

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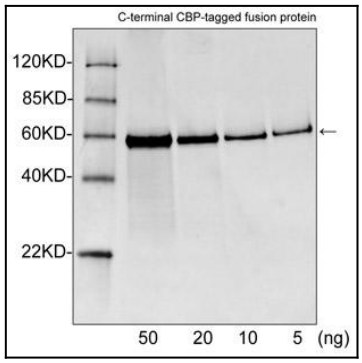

Figure-2 : Western blot analysis of CBP-tag Antibody at 1 µg/ml on CBP tagged fusion protein (50, 20, 10 & 5 ng)expressed in E. coli cell lysate. IRDy 800 Conjugated Goat Anti-Rabbit IgG was used as Secondary Antibody.

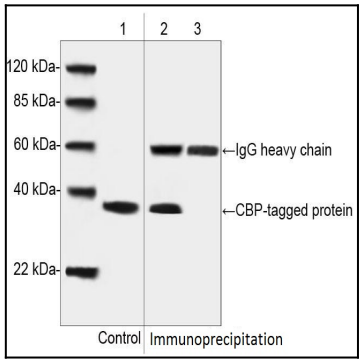

Figure-3 : Western blot analysis of CBP-tag Antibody on CBP-tagged protein, Lane-1: CBP-tagged protein from the transfected CHO cell lysates (as input control), Lane-2: Immuno-precipitates of CBP-tagged protein from the transfected CHO cell lysates with CBP Tag Antibody, 3: Immuno-precipitates of the CBP-tagged protein from the transfected CHO cell lysates with Rabbit IgG Control (Whole Molecule).

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