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45-1023: Rabbit Polyclonal Antibody to TAP-tag(Discontinued)

Clonality :	Polyclonal
Application :	ELISA
Format :	Purified
Isotype :	Rabbit IgG
Immunogen Information :	Peptide CSSGALDYDIPTTASENLYFQ conjugated to KLH

Description

Well-characterized antibodies against short-sequence epitope tags are common in the study of protein expression in several different expression systems. The TAP (tandem affinity purification)-tag allows rapid purification of complexes from a relatively small number of cells even if the researcher does not have prior knowledge of the complexs composition, activity, or function. Combined with mass spectrometry, the TAP-tag strategy enables the identification of proteins interacting with a given target protein1. Rabbit Anti-TAP-tag Polyclonal Antibody is generated against the common tag, which is composed of a 21-residue peptide, CSSGALDYDIPTTASENLYFQ, derived from the C-terminus of the TAP-tag construct after TEV cleavage.

Product Info

Amount :	100 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: 0.02-0.1 µg/ml
Western blot: 1-2 µg/ml
Reconstitute the lyophilized powder with deionized water (or equivalent) to an antibody concentration of 0.5 mg/ml.

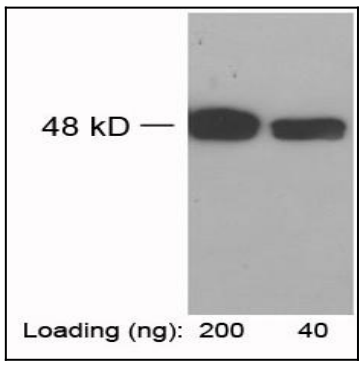

Figure-1 : Western blot analysis of TAP-tag Antibody at 1 Î¼g/ml on TAP-tagged fusion protein (200 & 40 ng) expressed in E. coli cell lysate.

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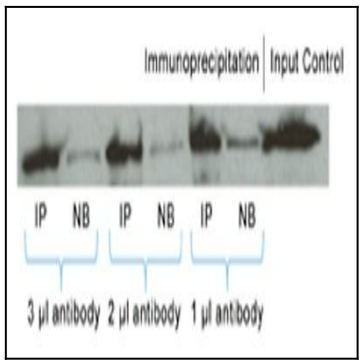

Figure-2 : Western blot analysis of TAP-tag Antibody on immunoprecipitates from yeast lysate expressing Gcn5-TAP of IP: Immunprecipitation with TAP-tag Antibody, NB: Not bound fraction, Input control: Input control material for yeast lysate expressing Gcn5-TAP protein.