

DYKDDDDK-Tag Rabbit Polyclonal Antibody

Catalog No: #T503

Package Size: #T503-1 50ul #T503-2 100ul

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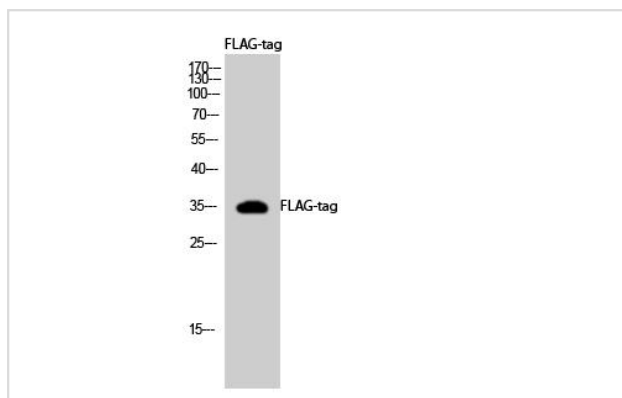
Description

| | |
|-----------------------|---|
| Product Name | DYKDDDDK-Tag Rabbit Polyclonal Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide. |
| Applications | WB |
| Specificity | The antibody detects transfected proteins containing DYKDDDDK tag. The antibody recognizes the DYKDDDDK-tag fused to either the amino- or carboxy-terminus of targeted proteins in transfected cells. |
| Immunogen Type | Peptide-KLH |
| Immunogen Description | Peptide sequence (DYKDDDDK) derived from Human. |
| Target Name | DYKDDDDK-Tag |
| Concentration | 1.0mg/ml |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C for long term preservation (recommended). Store at 4°C for short term use. |

Application Details

WB 1:1000 - 1:3000

Images



Western Blot analysis using FLAG-tag Polyclonal Antibody against HEK293 cells transfected with vector overexpressing FLAG tag (1) and untransfected (2). Secondary antibody was diluted at 1:20000

Background

The DYKDDDDK (FLAG) peptide has been used extensively as a general tag in expression vectors. This peptide can be expressed and detected with the protein of interest as an amino-terminal or carboxy-terminal fusion. N-terminal FLAG vectors provide an Ek cleavage site for removal of the fusion tag. The FLAG peptide is likely to be located on the surface of a fusion protein because of its hydrophilic nature. As a result, the FLAG peptide is more likely to be accessible to antibodies. A FLAG-tag can be used in many different assays that require recognition by an antibody, such as western blotting, immunocytochemistry, immunoprecipitation, flow cytometry, protein purification, and in the study of protein-protein interactions, cell ultrastructure, and protein localization and so on.

Note: This product is for in vitro research use only