ELK Biotechnology

DDDDK-Tag(binds to flag sequnence) rabbit pAb

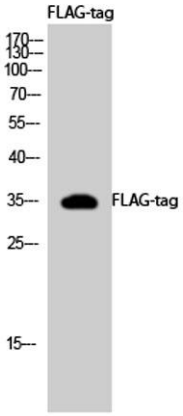
Cat No.:ES1078

For research use only

Overview

Product Name	DDDDK-Tag(binds to flag sequnence) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA;IP;IF
Species Cross-Reactivity	Species independent
Recommended dilutions	Western Blot: 1/1000 - 1/3000. ELISA: 1:5000-20000. Not yet tested in other applications.
Immunogen	DDDDK synthetic peptide conjugated to KLH.
Specificity	FLAG-tag Polyclonal Antibody detects FLAG-tagged recombinant proteins or FLAG-tagged proteins overexpressed in cells.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	
Gene Name	Flag tag; Flag-tag,DDDDK TAG, DDDDK-TAG, DYKDDDDK tag,DYKDDDDK-tag
Cellular localization	
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	
Human Swiss-Prot Number	
Alternative Names	DDDDK epitope tag; DDDDK epitope tag; DYKDDDDK epitope tag
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.



Western Blot analysis using FLAG-tag Polyclonal Antibody against HEK293 cells transfected with vector overexpressing FLAG tag (1) and untransfected (2). Secondary antibody(catalog#:RS0002) was diluted at 1:20000

+86-27-59760950 ELKbio@ELKbiotech.com www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C