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Inspiration for Life Science

POLYCLONAL ANTIBODY

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Catalog No. BAM-60-031-EX

Anti- DYKDDDDK tag

BACKGROUND

Epitope tagging has become a powerful tool for detection and purification of expressed proteins. Epitope tags are short peptide sequences that are easily recognized by tag-specific antibodies. Due to their small size, epitope tags do not affect the tagged protein's biochemical properties. Most often sequences encoding the epitope tag are included with target DNA at the time of cloning to produce fusion proteins containing the epitope tag sequence.

Anti-epitope tag antibodies are useful for identification, immunoprecipitation or immunoaffinity-purification of a recombinant protein.

Anti-FLAG (DYKDDDDK)-tag polyclonal antibody was raised by immunizing a rabbit with the peptide DYKDDDDK conjugated to KLH.

Product type	Primary antibodies
Host	Rabbit
Source	
Form	Liquid Antiserum added with 0.05% sodium azide
Volume	100 μl
Concentration	
Specificity	This antibody recognizes FLAG-tagged fusion proteins.
Antigen	DYKDDDDK cross-linked to KLH
Clone	1A5
Isotype	Rat IgG1 kappa
Cross reactivity	Specific to GFP and GFP-fused proteins
Storage	Shipped at 4℃ and stored at -20℃

Application notes	WB, ELISA **Recommended use** **Recommended dilutions** Western blotting (dilution: 1/2,000) ELISA (assay dependent) Optimal dilutions/concentrations should be determined by the end user. **Staining Pattern**
References	1)Brizzard BL et al "Immunoaffinity purification of FLAG epitope-tagged bacterial alkaline phosphatase using a novel monoclonal antibody and peptide elution." Bio Techniques 16: 730-735 (1994) PMID: 8024796

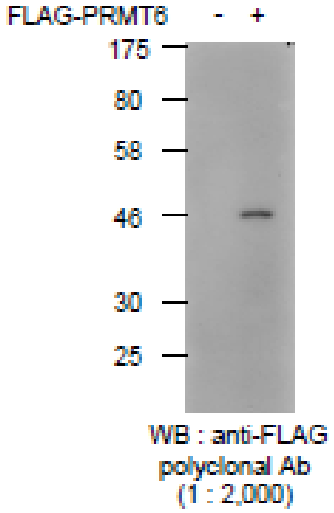

Fig.1 Detection of FLAG-tagged protein with this antibody by Western blotting.
(-) Lysate of 293T cells transfected with an empty vector
(+) Lysate of 293T cells transfected with the plasmid carrying the FLAG-tagged PRMT6 gene

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Manufactured by BioAcademia,Inc.

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