

Rabbit anti-V5 tag V5 Polyclonal Antibody | anti-V5 antibody

Anti-V5 tag Antibody, Rabbit Polyclonal

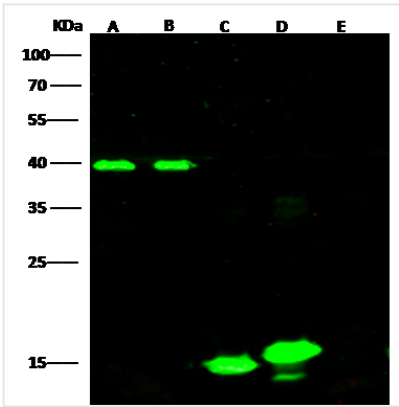
CATALOG # AAA254212	HOST Rabbit	REACTIVITY V5 tag	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

V5; Polyclonal Antibody; Anti-V5 tag Antibody; Rabbit Polyclonal; Anti-V5 Tag Antibody; Rabbit PAb; Antigen Affinity Purified; anti-V5 antibody

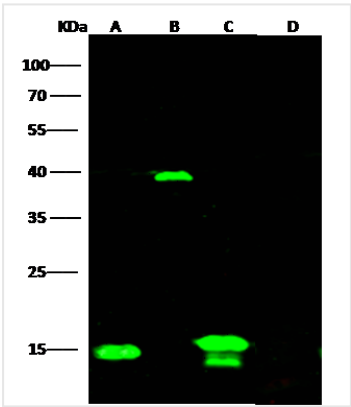
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	V5 tag
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Recognize N-terminal and C-terminal V5 Tag in fusion proteins.
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-V5 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the V5 tag sequence
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, a synthetic peptide corresponding to the V5-tag sequence. V5-tag specific IgG was purified by V5-tag affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



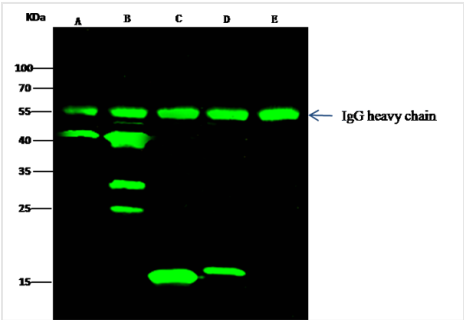
WB (Western Blot)

Anti-V5 Tag rabbit polyclonal antibody at 1:1000 dilutionLane A: his-ARG1-V5 Transfected 293 Cell LysateLane B: V5-ARG1-his Transfected 2933 Cell LysateLane C: V5-mFABP4-his Transfected 293 Cell LysateLane D: mFABP4-V5-his Transfected 293 Cell LysateLane E: Negative controlLysates/proteins at 2 ug per Lane.SecondaryDylight 800-labeled Antibody To Rabbit IgG (H+L), at 1:5000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.



WB (Western Blot)

Anti-V5 Tag rabbit polyclonal antibody at 1:1000 dilutionSample:Recombinant ProteinLane A: V5-mFABP4-his(30ng)Lane B: his-ARG1-V5(30ng)Lane C: mFABP4-V5-his(30ng)Lane D:Negative controlSecondaryDylight 800-labeled Antibody To Rabbit IgG (H+L), at 1:5000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.



IP (Immunoprecipitation)

V5-tag was immunoprecipitated using:Lane A:0.5 mg his-ARG1-V5 Transfected 293 Cell LysateLane B:0.5 mg V5-ARG1-his Transfected 293 Cell LysateLane C:0.5 mg mFABP4-V5-his Transfected 293 Cell LysateLane D:0.5 mg V5-mFABP4-his Transfected 293 Cell LysateLane E:0.5 mg Negative control4 uL anti-V5-tag rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G.Primary antibody:Anti-V5-tag rabbit polyclonal antibody,at 1:100 dilutionSecondary antibody:Goat Anti- Rabbit IgG H&L (Dylight 800) at 1/10000 dilutionDeveloped using the Odyssey technique.Performed under reducing conditions.

ADDITIONAL INFORMATION

Related Product Information for anti-V5 antibody	The V5 epitope tag has a 14-amino-acid sequence (GKIPINPLLGLDST) which is derived from simian parainfluenza virus type 5 (SV5). The V5 epitope tag is used to label a protein of interest so that the tagged protein can be analyzed and visualized. Anti-V5 epitope tag antibody products recognize and detect V5-tagged proteins without a protein-specific antibody or probe in several immunochemical assays such as Western Blotting, ELISAs and immunostaining techniques.
References	Zhao X, et al. (2013) Several affinity tags commonly used in chromatographic purification. J Anal Methods Chem 2013 581093.Monti M, et al. (2007) Functional proteomics: Protein-protein interactions in vivo. Ital J Biochem 56 (4): 310-314.Brothers SP, et al. (2003) Unexpected effects of epitope and chimeric tags on gonadotropin-releasing hormone receptors: Implications for understanding the molecular etiology of hypogonadotropic hypogonadism. J Clin Endocrinol Metab 88 (12): 6107-6112.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.