# Anti-V5 Tag Antibody, Rabbit PAb, Antigen Affinity Purified

**Catalog Number:** **100378-T36**

| General Information | |
|---|---|
| **Immunogen:** | A synthetic peptide corresponding to the V5 tag sequence. |
| **Rabbit IgG:** | Rabbit IgG |
| **Applications:** | WB, IP |
| **Specificity:** | Recognize N-terminal and C-terminal V5 Tag in fusion proteins. |
| **Formulation:** | 0.2 μm filtered solution in PBS |
| **Storage:** | < -20℃ |

## Preparation

Produced in rabbits immunized with purified, a synthetic peptide corresponding to the V5-tag sequence. V5-tag specific IgG was purified by V5-taq affinity chromatography.

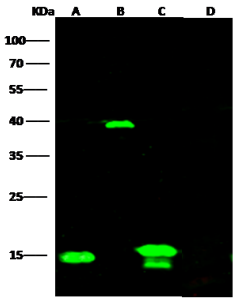
## Storage

This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. **Preservative-Free.**
Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. **Avoid repeated freeze-thaw cycles.**

## Applications

***Western blot –***

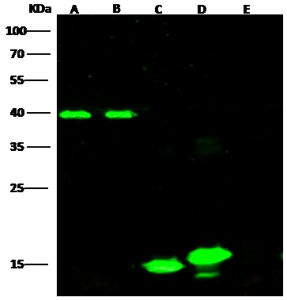
WB: 1:1000-1:5000




Anti-V5 Tag rabbit polyclonal antibody at 1:1000 dilution
Sample:Recombinant Protein
Lane A: V5-mFABP4-his(30ng)
Lane B: his-ARG1-V5(30ng)
Lane C: mFABP4-V5-his(30ng)
Lane D:Negative control

Secondary
Dylight 800-labeled Antibody To Rabbit IgG (H+L), at 1:5000 dilution.

Developed using the Odyssey technique.
Performed under reducing conditions.




Anti-V5 Tag rabbit polyclonal antibody at 1:1000 dilution
Lane A: his-ARG1-V5 Transfected 293 Cell Lysate
Lane B: V5-ARG1-his Transfected 2933 Cell Lysate
Lane C: V5-mFABP4-his Transfected 293 Cell Lysate
Lane D: mFABP4-V5-his Transfected 293 Cell Lysate
Lane E: Negative control

Lysates/proteins at 2 μg per lane.

Secondary
Dylight 800-labeled Antibody To Rabbit IgG (H+L), at 1:5000 dilution.

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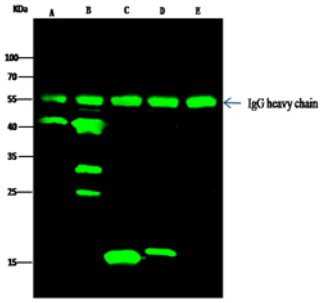
***Immunoprecipitation –***

IP: 0.5-2 µg/mg of lysate




V5-tag was immunoprecipitated using:
Lane A:0.5 mg his-ARG1-V5 Transfected 293 Cell Lysate
Lane B:0.5 mg V5-ARG1-his Transfected 293 Cell Lysate
Lane C:0.5 mg mFABP4-V5-his Transfected 293 Cell Lysate
Lane D:0.5 mg V5-mFABP4-his Transfected 293 Cell Lysate
Lane E:0.5 mg Negative control

4 µL anti-V5-tag rabbit polyclonal antibody and 60 µg of Immunomagnetic beads Protein A/G.

Primary antibody:
Anti-V5-tag rabbit polyclonal antibody,at 1:100 dilution

Secondary antibody:
Goat Anti- Rabbit IgG H&L (Dylight 800) at 1/10000 dilution

Developed using the Odyssey technique.
Performed under reducing conditions.