

Product datasheet

Anti-V5 tag antibody ab15828

★★★★★ [1 Abreviews](#) [49 References](#) [2 Images](#)

Overview

| | |
|----------------------------|---|
| Product name | Anti-V5 tag antibody |
| Description | Rabbit polyclonal to V5 tag |
| Host species | Rabbit |
| Tested applications | Suitable for: ChIP, WB |
| Species reactivity | Reacts with: Species independent |
| Immunogen | Synthetic peptide corresponding to Parainfluenza virus 5 V5 tag aa 50-150 conjugated to keyhole limpet haemocyanin. This ab was raised against ab15829 . Database link: P11207 (Peptide available as ab15829) |
| Positive control | WB: Recombinant V5 tagged Groucho homolog. ChIP: A stably transfected 293T human cell line harbouring the GAL4 upstream activation sequence was transiently transfected with a V5 or T7-tagged GAL4 DNA Binding Domain construct. |
| General notes | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> |

Properties

| | |
|-----------------------------|--|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| Storage buffer | pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS |

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

| | |
|------------------|-----------------------------|
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

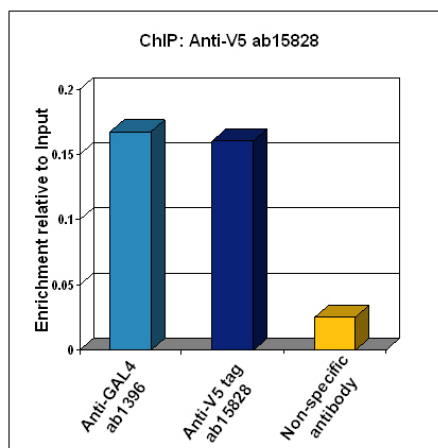
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab15828 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|---|
| ChIP | | Use at an assay dependent concentration. ChIP was performed with 25 ug chromatin, 5ug of antibody and 20 ul of Protein A/G beads. |
| WB | ★★★★★ (1) | Use a concentration of 0.5 µg/ml. |

Target

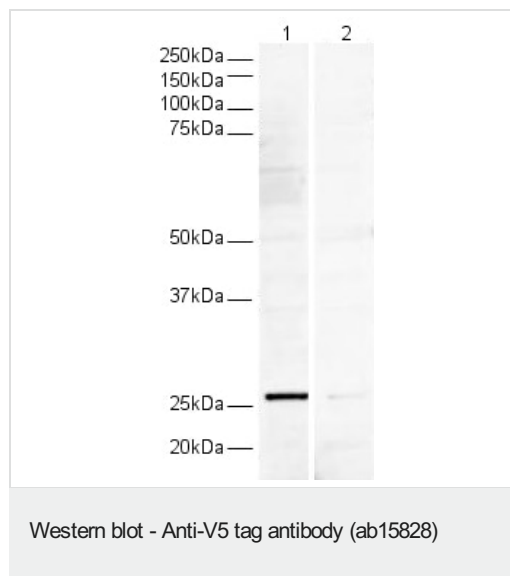
Relevance The V5 epitope tag is derived from a small epitope (Pk) present on the P and V proteins of the paramyxovirus of simian virus 5 (SV5). The V5 tag is usually used with all 14 amino acids (GKPIPNPLLGLDST), although it has also been used with a shorter 9 amino acid sequence (IPNPLLGLD).

Images



ChIP - Anti-V5 tag antibody (ab15828)

A stably transfected 293T human cell line harbouring the GAL4 upstream activation sequence was transiently transfected with a V5 or T7- tagged GAL4 DNA Binding Domain construct. 48 hours post transfection Chromatin was prepared according to the Abcam X-ChIP protocol. The ChIP was performed with 25 ug chromatin, 5ug of antibody and 20 ul of Protein A/G beads. A non-specific antibody was used as the negative control. The immunoprecipitated DNA was quantified by real time PCR (SYBR Green approach).



All lanes : Anti-V5 tag antibody (ab15828) at 0.5 µg/ml

Lane 1 : Recombinant V5 tagged Groucho homolog

Lane 2 : Recombinant V5 tagged Groucho with V5 tag peptide
(**ab15829**) at 1 µg/ml

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat anti-Rabbit IgG at 1/10000 dilution

Performed under reducing conditions.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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