

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

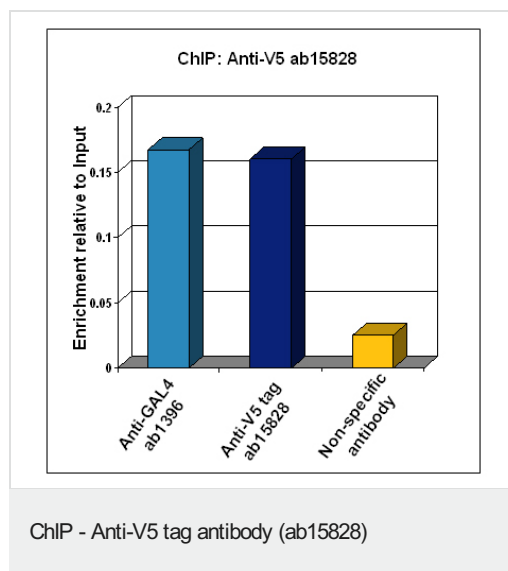
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab15828 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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.

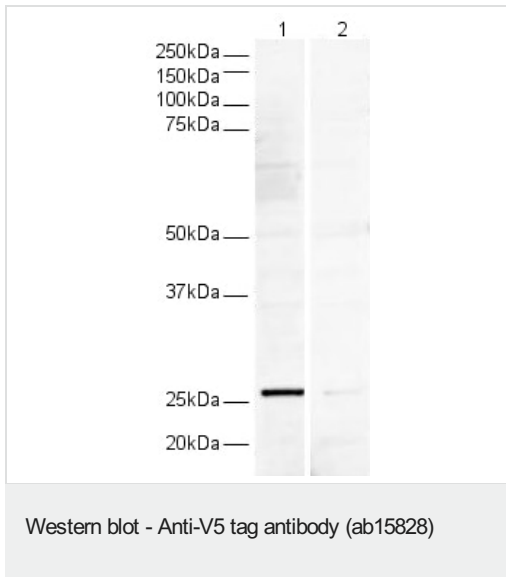
Target

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 (GKPIPPLLGLDST), although it has also been used with a shorter 9 amino acid sequence (IPNPLLGLD).

Images



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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