

Product datasheet

Anti-Zic1 antibody ab58080

画像数 1

製品の概要

製品名	Anti-Zic1 antibody
製品の詳細	Mouse monoclonal to Zic1
由来種	Mouse
アプリケーション	適用あり: WB
種交差性	交差種: Human
免疫原	Recombinant fragment: LLDAGPQYPA IGVTTFGASR HHSAGDVAER DVGLGINPFA DGMGAFKLNQ SSHELASAGQ TAFTSQAPGY AAAAALGHHH HPGHVGSYSS AAFN, corresponding to amino acids 2-95 of Human Zic1 Run BLAST with ExPASy Run BLAST with NCBI

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: None PBS, pH 7.2
精製度	Protein G purified
ポリモノ	モノクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab58080** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

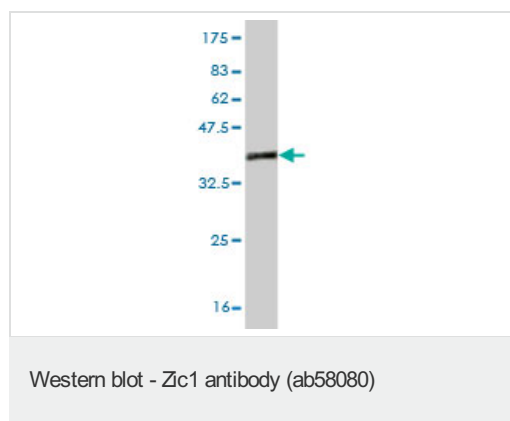
アプリケーション	Abreviews	特記事項
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アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 - 5 µg/ml. This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

ターゲット情報

機能	Acts as a transcriptional activator. Involved in neurogenesis. Plays important roles in the early stage of organogenesis of the CNS, as well as during dorsal spinal cord development and maturation of the cerebellum. Involved in the spatial distribution of mossy fiber (MF) neurons within the pontine gray nucleus (PGN). Plays a role in the regulation of MF axon pathway choice. Promotes MF migration towards ipsilaterally-located cerebellar territories. May have a role in shear flow mechanotransduction in osteocytes. Retains nuclear GLI1 and GLI3 in the cytoplasm. Binds to the minimal GLI-consensus sequence 5'-TGGGTGGTC-3'.
組織特異性	CNS. A high level expression is seen in the cerebellum. Detected in the nuclei of the cerebellar granule cell lineage from the progenitor cells of the external germinal layer to the postmigrated cells of the internal granular layer. Detected in medulloblastoma (26/29 cases), but not present in all other tumors examined.
配列類似性	Belongs to the GLI C2H2-type zinc-finger protein family. Contains 5 C2H2-type zinc fingers.
ドメイン	The C2H2-type 3, 4 and 5 zinc finger domains are necessary for transcription activation.
細胞内局在	Nucleus. Cytoplasm. Localizes in the cytoplasm in presence of MDFIC overexpression.

画像



Western blot against tagged recombinant protein immunogen using ab58080 Zic1 antibody at 1µg/ml. Predicted band size of immunogen is 36 kDa

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