




Product datasheet

Anti-RNF20 antibody ab84073

画像数 1

製品の概要

製品名	Anti-RNF20 antibody
製品の詳細	Rabbit polyclonal to RNF20
アプリケーション	適用あり: WB
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog 
免疫原	Synthetic peptide corresponding to a region within the N terminal amino acids 108-157 (LKRYDLEQGLGDLLTERKALVVPEPEPDSDSNQRKDDREREGEGQEPAFS) of Human RNF20 (NP_062538) <div style="text-align: right;">  Run BLAST with  Run BLAST with </div>
ポジティブ・コントロール	HepG2 cell lysate

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. Avoid freeze / thaw cycles.
バッファー	Preservative: None Constituents: 2% Sucrose, PBS
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab84073** in the following tested applications.

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

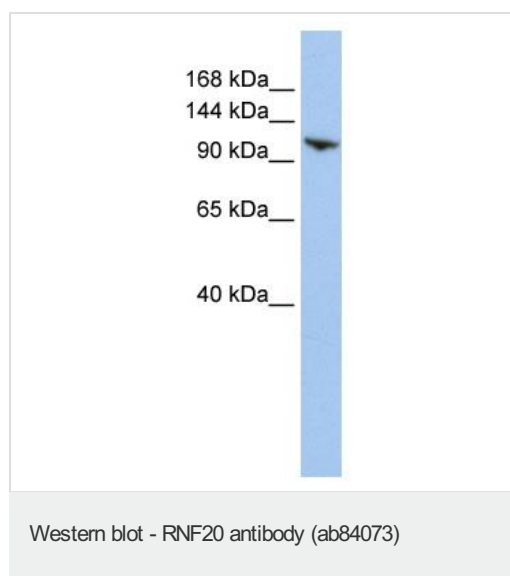
アプリケーション	Abreviews	特記事項

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WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 114 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

ターゲット情報

機能	Component of the RNF20/40 E3 ubiquitin-protein ligase complex that mediates monoubiquitination of 'Lys-120' of histone H2B (H2BK120ub1). H2BK120ub1 gives a specific tag for epigenetic transcriptional activation and is also prerequisite for histone H3 'Lys-4' and 'Lys-79' methylation (H3K4me and H3K79me, respectively). It thereby plays a central role in histone code and gene regulation. The RNF20/40 complex forms a H2B ubiquitin ligase complex in cooperation with the E2 enzyme UBE2A or UBE2B; reports about the cooperation with UBE2E1/UBCH are contradictory. Required for transcriptional activation of Hox genes. Recruited to the MDM2 promoter, probably by being recruited by p53/TP53, and thereby acts as a transcriptional coactivator. Mediates the polyubiquitination of isoform 2 of PA2G4 in cancer cells leading to its proteasome-mediated degradation.
組織特異性	Expressed in the normal brain and also in malignant gliomas (at protein level).
パスウェイ	Protein modification; protein ubiquitination.
配列類似性	Belongs to the BRE1 family. Contains 1 RING-type zinc finger.
細胞内局在	Nucleus.

画像



Anti-RNF20 antibody (ab84073) at 1 µg/ml (in 5% skim milk / PBS buffer) + HepG2 cell lysate at 10 µg

Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

Predicted band size : 114 kDa

Observed band size : 114 kDa

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