

Datasheet for ABIN1412318
anti-CACYBP antibody (AA 61-95) (HRP)



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Overview

Quantity:	100 µL
Target:	CACYBP
Binding Specificity:	AA 61-95
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACYBP antibody is conjugated to HRP
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CACYBP/S100A6BP
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	CACYBP
Alternative Name:	CACYBP/S100A6BP (CACYBP Products)
Background:	Synonyms: SIAH Interacting Protein, CACYBP, Calcyclin binding protein, GIG 5, GIG5, Growth

Target Details

inhibiting gene 5, Calcyclin-binding protein, Siah-interacting protein, Growth inhibiting gene 5 protein, hCacyBP, MGC87971, PNAS 107, PNAS107, RP1 102G20.6, S100A6 binding protein, S100A6BP, SIP.

Background: CacyBP is a 228 amino acid protein encoded by the human gene CACYBP. CacyBP is primarily a nuclear protein that contains one CS domain and one SGS domain. CacyBP is believed to be involved in calcium-dependent ubiquitination and subsequent proteosomal degradation of target proteins. It most likely serves as a molecular bridge in ubiquitin E3 complexes. It also participates in the ubiquitin-mediated degradation of b-catenin. CacyBP is thought to be a potential inhibitor of cell growth and invasion in the gastric cancer cell through its effects on b-catenin protein expression and transcriptional activation of TCF/LEF.

Pathways: [Response to Growth Hormone Stimulus](#)

Application Details

Application Notes: IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months