Datasheet for ABIN7138731

anti-CBX5 antibody (pSer92)

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Overview

Quantity:	100 µL
Target:	CBX5
Binding Specificity:	pSer92
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CBX5 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Peptide sequence around phosphorylation site of Serine 92(R-S-S(p)-N-F) derived from Human HP1alpha .
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy usi

Target Details

Target:	CBX5
Alternative Name:	CBX5 (CBX5 Products)

Target Details

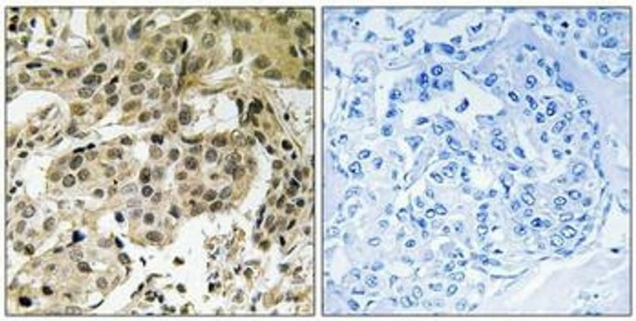
Background:	Background: Heterochromatin protein-1 (HP1) is a methyl-lysine binding protein localized at heterochromatin sites, where it mediates gene silencing.Saunders W.S., J. Cell Sci. 104:573-582(1993).Ye Q., J. Biol. Chem. 271:14653-14656(1996).Ye Q., J. Biol. Chem. 272:14983-14989(1997). Aliases: Antigen p25 antibody, CBX5 antibody, CBX5_HUMAN antibody, CG8409 antibody, Chromobox 5 antibody, Chromobox homolog 5 (HP1 alpha homolog, Drosophila) antibody, Chromobox homolog 5 antibody, Chromobox protein homolog 5 antibody, Epididymis luminal protein 25 antibody, HEL25 antibody, Heterochromatin protein 1 alpha antibody, Heterochromatin protein 1 antibody, Heterochromatin protein 1 homolog alpha antibody, HP1 alpha antibody, HP1 alpha homolog antibody, HP1 antibody, HP1A antibody, HP1Hs alpha antibody, Su(var)205 antibody
UniProt:	P45973

Application Details

Application Notes:	IHC:1:50-1:100,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HP1α (Phospho-Ser92) antibody (left)or the same antibody preincubated with blocking peptide (right).