Datasheet for ABIN1531456

anti-TCP1 alpha/CCTA antibody (pSer455)

2 Images

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Overview

Quantity:	100 µL
Target:	TCP1 alpha/CCTA (TCP1)
Binding Specificity:	AA 421-470, pSer455
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TCP1 alpha/CCTA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human p63 around the phosphorylation site of Ser455.
Isotype:	IgG
Specificity:	p63 (Phospho-Ser455) Antibody detects endogenous levels of p63 only when phosphorylated at Ser455. PhosphorylationH:S455
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

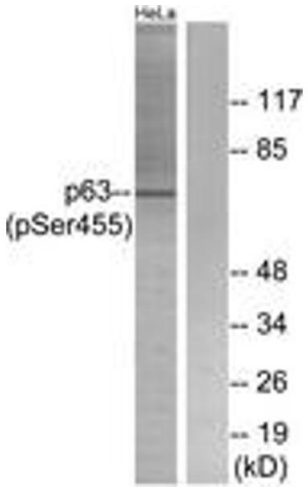
Target:	TCP1 alpha/CCTA (TCP1)
Alternative Name:	p63 (TCP1 Products)
Background:	Synonyms: EEC3, KET, LMS, p51, p73H, p73L, SHFM4, TA p63 alpha, TP63, tumor protein p63 NCBI Gene Symbol: TP63
Molecular Weight:	76 kDa
Gene ID:	8626
OMIM:	103285
UniProt:	Q9H3D4

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:20000
Comment:	Unigene-Number: Hs.137569 (NCBI Gene Symbol: TP63)
Restrictions:	For Research Use only

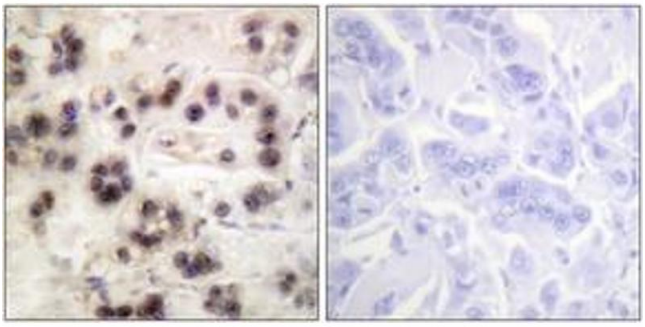
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	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
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HeLa cells treated with TNF 2500U/ML 30', using p63 (Phospho-Ser455) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using p63 (Phospho-Ser455) Antibody. The picture on the right is treated with the synthesized peptide.