



[Go to Product page](#)

Datasheet for ABIN1531400  
**anti-NKX2-1 antibody (pSer113)**

2 Images

Overview

Quantity:	100 µL
Target:	NKX2-1
Binding Specificity:	AA 79-128, pSer113
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NKX2-1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human TEBP around the phosphorylation site of Ser113.
Isotype:	IgG
Specificity:	TEBP (Phospho-Ser113) Antibody detects endogenous levels of TEBP only when phosphorylated at Ser113. PhosphorylationH:S113 M:S113 R:S245
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

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Target:	NKX2-1
Alternative Name:	TEBP ( <a href="#">NKX2-1 Products</a> )
Background:	Synonyms: Prostaglandin E synthase 3, Cytosolic prostaglandin E2 synthase, cPGES, Telomerase-binding protein p23, Hsp90 co-chaperone, Progesterone receptor complex p23, PTGES3P23, TEBP NCBI Gene Symbol: PTGES3
Molecular Weight:	18 kDa
Gene ID:	10728
OMIM:	607061
UniProt:	<a href="#">Q15185</a>
Pathways:	<a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Regulation of Systemic Arterial Blood Pressure by Hormones</a> , <a href="#">Cellular Glucan Metabolic Process</a> , <a href="#">Feeding Behaviour</a>

## Application Details

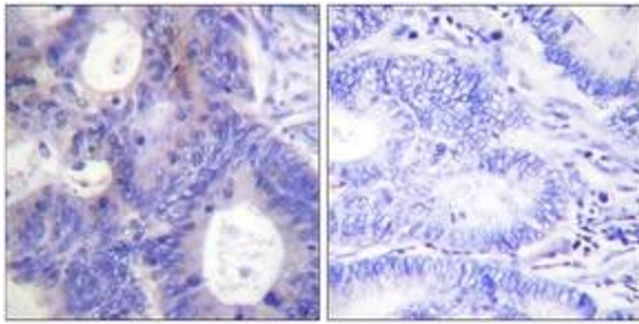
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Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:1000
Comment:	Unigene-Number: Hs.50425 (NCBI Gene Symbol: PTGES3)
Restrictions:	For Research Use only

## Handling

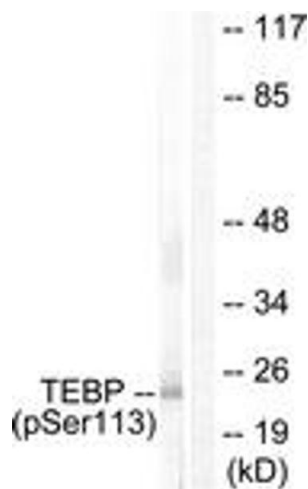
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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains 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



### Immunohistochemistry

**Image 1.** Immunohistochemistry analysis of paraffin-embedded human colon carcinoma, using TEBP (Phospho-Ser113) Antibody. The picture on the right is treated with the synthesized peptide.



### Western Blotting

**Image 2.** Western blot analysis of extracts from NIH-3T3 cells treated with EGF 200ng/ml 30', using TEBP (Phospho-Ser113) Antibody. The lane on the right is treated with the synthesized peptide.