

# CtBP1 (Phospho-Ser422) Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP52580

## Product Information

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<b>Application</b>	WB, IHC
<b>Primary Accession</b>	<a href="#">Q13363</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	47535

## Additional Information

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<b>Gene ID</b>	1487
<b>Other Names</b>	C-terminal-binding protein 1, CtBP1, 111-, CTBP1, CTBP
<b>Dilution</b>	WB~~1:1000 IHC~~1:50~100
<b>Format</b>	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	CTBP1
<b>Synonyms</b>	CTBP
<b>Function</b>	Corepressor targeting diverse transcription regulators such as GLIS2 or BCL6. Has dehydrogenase activity. Involved in controlling the equilibrium between tubular and stacked structures in the Golgi complex. Functions in brown adipose tissue (BAT) differentiation.
<b>Cellular Location</b>	Cytoplasm. Nucleus
<b>Tissue Location</b>	Expressed in germinal center B-cells.

## Background

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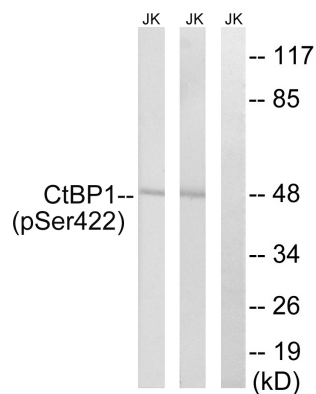
## References

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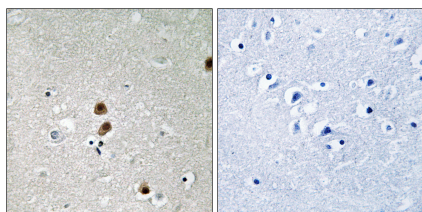
Schaeper U.,et al.Proc. Natl. Acad. Sci. U.S.A. 92:10467-10471(1995).  
Sewalt R.G.A.B.,et al.Mol. Cell. Biol. 19:777-787(1999).  
Hillier L.W.,et al.Nature 434:724-731(2005).  
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.  
Boyd J.M.,et al.EMBO J. 12:469-478(1993).

## Images

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Western blot analysis of extracts from Jurkat cells, treated with TNF (20ng/ml, 30mins), using CtBP1 (Phospho-Ser422) antibody.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using CtBP1 (Phospho-Ser422) antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.