

CtBP1 (Ab-422) Antibody

Catalog No: #33281

Package Size: #33281-1 50ul #33281-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

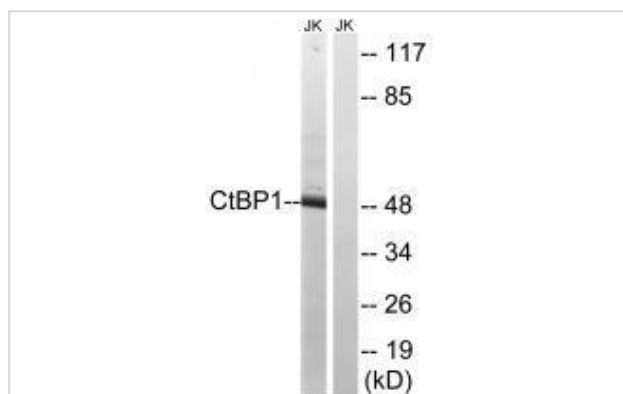
Product Name	CtBP1 (Ab-422) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CtBP1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized non-phosphopeptide derived from human CtBP1 around the phosphorylation site of serine 422 (A-P-S(p)-P-G).
Target Name	CtBP1
Other Names	C-terminal binding protein 1; CTBP; EC 1.1.1.-;
Accession No.	Swiss-Prot: Q13363NCBI Gene ID: 1487
Uniprot	Q13363
GeneID	1487;
SDS-PAGE MW	48kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

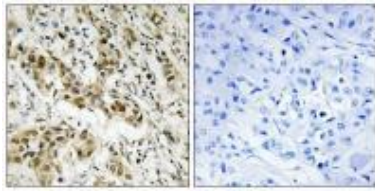
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from Jurkat cells, using CtBP1 (Ab-422) antibody #33281.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using CtBP1 (Ab-422) antibody #33281.

Background

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.

Schaeper U., Proc. Natl. Acad. Sci. U.S.A. 92:10467-10471(1995).

Sewalt R.G.A.B., Mol. Cell. Biol. 19:777-787(1999).

Boyd J.M., EMBO J. 12:469-478(1993).

Note: This product is for in vitro research use only