CtBP1/2 (Phospho Ser158/164) Rabbit pAb

CatalogNo: YP1594 Orthogonal Validated

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse,Rat

Applications
- WB,ELISA

MW
- 48kD (Observed)

Isotype
- IgG

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:1000-2000
ELISA 1:5000-20000

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized peptide derived from human CtBP1/2 (Phospho Ser158/164)
Specificity	This antibody detects endogenous levels of CtBP1 only when phosphorylated at Human:Ser158, Mouse:Ser158, Rat:Ser147 and CtBP2 only when phosphorylated at Human:S164, Mouse:Ser164, Rat:Ser164..The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):VQsVE

Target Information

Gene name CTBP1 CTBP

Protein Name CtBP1/2 (Phospho Ser158/164)

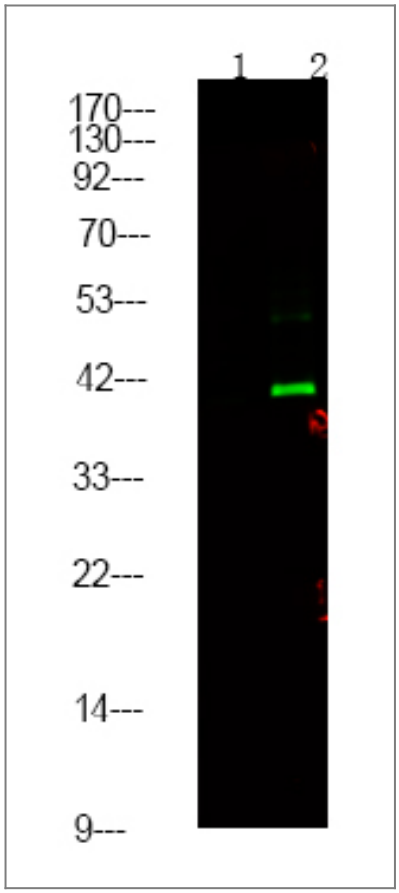
Organism	Gene ID	UniProt ID
Human	1487;	Q13363; P56545;
Mouse	13016;	O88712;
Rat	29382;	Q9Z2F5;

Cellular Localization Cytoplasm . Nucleus .

Tissue specificity Expressed in germinal center B-cells.

Function negative regulation of transcription from RNA polymerase II promoter, regulation of transcription, DNA-dependent,regulation of transcription from RNA polymerase II promoter, protein amino acid phosphorylation, phosphorus metabolic process, phosphate metabolic process, Golgi organization, negative regulation of cell proliferation, negative regulation of biosynthetic process, negative regulation of macromolecule biosynthetic process, negative regulation of macromolecule metabolic process, negative regulation of gene expression, viral reproduction, phosphorylation,negative regulation of transcription, viral infectious cycle, viral genome replication, viral reproductive process, negative regulation of cellular biosynthetic process, regulation of cell proliferation, fat cell differentiation, regulation of transcription, negative regulation of transcription, DNA-dependent, negative regulation of nucleobase, nucleoside, nucleotide and nucleic acid metabolic process, white fat cell differentiation, negative regulation of nitrogen compound metabolic process, regulation of RNA metabolic process, negative regulation of RNA metabolic process, oxidation reduction,

Validation Data



Western Blot analysis of 1 HepG2 cell, 2 LPS 100ng/mL 30min treated ,using primary antibody at 1:1000 dilution. Secondary antibody (catalog#:RS23920) was diluted at 1:10000

Contact information

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Please scan the QR code to access additional product information: **CtBP1/2 (Phospho Ser158/164) Rabbit pAb**