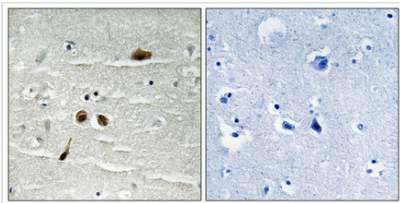


Phospho-MDC1 (Ser513) Antibody

Product Code	CSB-PA052744
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q14676
Immunogen	Peptide sequence around phosphorylation site of Serine 513(E-R-S(p)-Q-A) derived from Human MDC1.
Raised In	Rabbit
Species Reactivity	Human
Specificity	The antibody detects endogenous levels of MDC1 only when phosphorylated at serine 513.
Tested Applications	ELISA,IHC;IHC:1:50-1:100
Relevance	The MDC1 protein contains a forkhead homology-associated (FHA) domain and 2 BRCA1 (MIM 113705) C-terminal motifs (BRCTs) and is required for the intra-S-phase DNA damage checkpoint. Nagase T., DNA Res. 3:17-24(1996). Shiina T., Genetics 173:1555-1570(2006). Mungall A.J., Nature 425:805-811(2003).
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography
Clonality	Polyclonal
Alias	IER3; NFB1; KIAA0170; DKFZp781A0122;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	MDC1
Image	 Immunohistochemical analysis of paraffin-embedded human brain tissue using MDC1 (Phospho-Ser513) antibody (left) or the same antibody preincubated with blocking peptide (right).
Product Modify	Phospho-Ser513