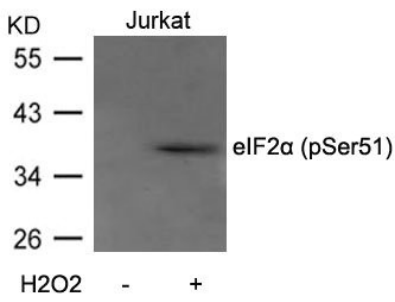
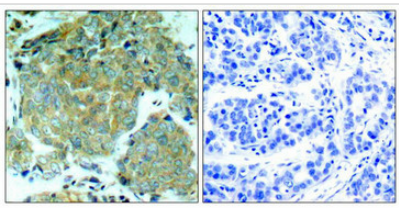
Phospho-EIF2S1 (Ser51) Antibody

Product Code	CSB-PA285504
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P05198
Immunogen	Peptide sequence around phosphorylation site of serine 51 (E-L-S(p)-R-R) derived from Human eIF2a.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of eIF2a only when phosphorylated at serine 51.
Tested Applications	ELISA,WB,IHC,IF;WB:1:500-1:1000,IHC:1:50-1:100,IF:1:100-1:200
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), 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 chromatogramphy usi
Clonality	Polyclonal
Alias	Eukaryotic translation initiation factor 2 subunit alpha; EIF-2A;
Product Type	Polyclonal Antibody
Immunogen Species	Homo sapiens (Human)
Target Names	EIF2S1

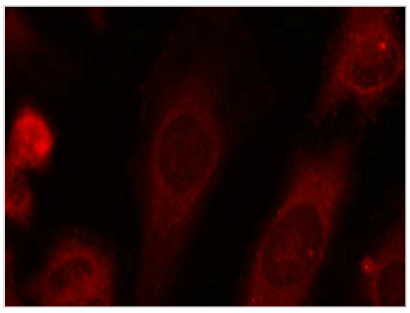
Image



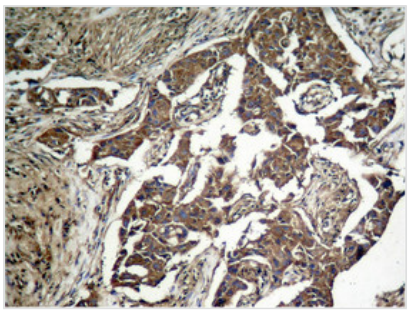
Western blot analysis of extracts from Jurkat cells untreated or treated with H2O2 using eIF2a(Phospho-Ser51) Antibody.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using eIF2α (Phospho-Ser51) Antibody (left) or the same antibody preincubated with blocking peptide (right).



Immunofluorescence staining of methanol-fixed Hela cells using eIF2a(Phospho-Ser51) Antibody.



Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue, using eIF2α (Phospho-Ser51) Antibody.

Product Modify	Phospho-Ser51