

Basic Information

Product Name	Anti-53BP2/TP53BP2 Antibody	
Gene Name	TP53BP2	
Source	Rabbit	
Clonality	Polyclonal	
Isotype	IgG	
Species Reactivity	human, mouse	
Tested Application	WB, IP, ELISA	
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg/ml BSA and 50% glycerol.	
Immunogen	E.coli-derived human 53BP2/TP53BP2 recombinant protein (Position: Q97-E1096).	
Concentration	500 ug/ml	
Purification	Immunogen affinity purified.	
Observed MW	160 kDa	
Dilution Ratios	Western blot (WB):	1:500-2000
	ImmunoPrecipitation (IP):	1:250-300
	Enzyme linked immunosorbent assay (ELISA):	1:100-1000

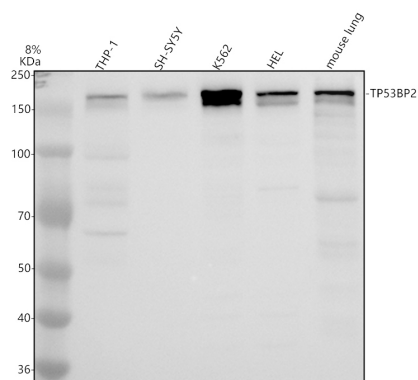
Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

tumor protein p53 binding protein 2

Selected Validation Data



Western blot analysis of 53BP2/TP53BP2 using anti-53BP2/TP53BP2 antibody (A02609-3). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human THP-1 whole cell lysates,

Lane 2: human SH-SY5Y whole cell lysates,

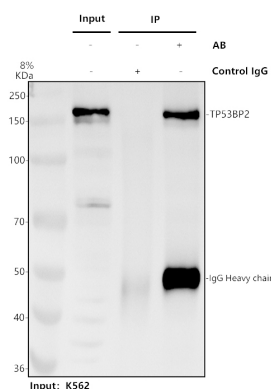
Lane 3: human K562 whole cell lysates,

Lane 4: human HEL whole cell lysates,

Lane 5: mouse lung tissue lysates.

After electrophoresis, proteins were transferred to a membrane.

Then the membrane was incubated with rabbit anti-53BP2/TP53BP2 antigen affinity purified polyclonal antibody (A02609-3) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for 53BP2/TP53BP2 at approximately 160 kDa. The expected band size for 53BP2/TP53BP2 is at 126 kDa.



IP analysis of 53BP2/TP53BP2 using anti-53BP2/TP53BP2 antibody (A02609-3) in K562 whole cell lysate.

Western blot analysis of 53BP2/TP53BP2 using anti- 53BP2/TP53BP2 antibody (A02609-3).

Lane 1: K562 whole cell lysates(30ug),

Lane 2: Rabbit control IgG instead of anti- 53BP2/TP53BP2 antibody in K562 whole cell lysate,

Lane 3: anti- 53BP2/TP53BP2 antibody (2μg) + K562 whole cell lysate (500μg).

After electrophoresis, proteins were transferred to a membrane.

Then the membrane was incubated with rabbit anti- 53BP2/TP53BP2 antigen affinity purified polyclonal antibody (A02609-3) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for 53BP2/TP53BP2 at approximately 160 kDa. The expected band size for 53BP2/TP53BP2 is at 126 kDa.