

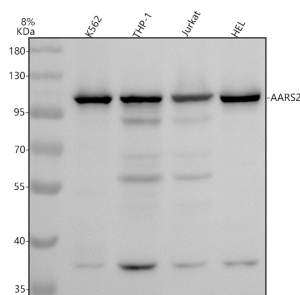
Basic Information

Product Name	Anti-AARS2 Antibody	
Gene Name	AARS2	
Source	Rabbit	
Clonality	Polyclonal	
Isotype	IgG	
Species Reactivity	human, mouse, rat	
Tested Application	WB, IHC, 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 AARS2 recombinant protein (Position: L637-L982).	
Concentration	500 ug/ml	
Purification	Immunogen affinity purified.	
Observed MW	105-115 kDa	
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC): 1:50-400 ImmunoPrecipitation (IP): 1:250-300 Enzyme linked immunosorbent assay (ELISA): 1:100-1000 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.	

Storage

12 months from date of receipt, -20°C as supplied.

Selected Validation Data



Western blot analysis of AARS2 using anti-AARS2 antibody

(A10160-2). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human K562 whole cell lysates,

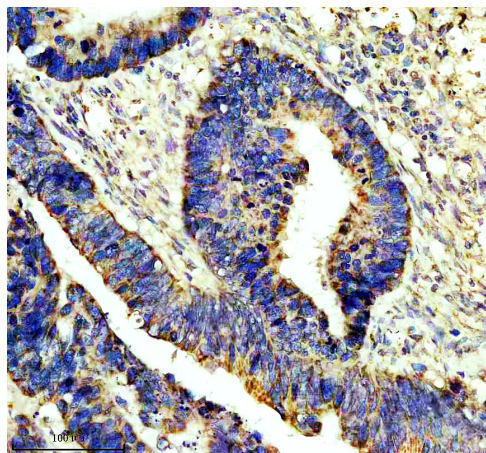
Lane 2: human THP-1 whole cell lysates,

Lane 3: human Jurkat whole cell lysates,

Lane 4: human HEL whole cell lysates.

After electrophoresis, proteins were transferred to a membrane.

Then the membrane was incubated with rabbit anti-AARS2 antigen affinity purified polyclonal antibody (A10160-2) 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 AARS2 at approximately 110 kDa. The expected band size for AARS2 is at 107 kDa.



IHC analysis of AARS2 using anti-AARS2 antibody (A10160-2).

AARS2 was detected in a paraffin-embedded section of human colon cancer tissue. The tissue section was incubated with rabbit anti-AARS2 Antibody (A10160-2) at a dilution of 1:200 and developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB (Catalog # AR1027) as the chromogen.