

Datasheet for ABIN3029922
anti-AIMP2 antibody (AA 298-320)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	AIMP2
Binding Specificity:	AA 298-320
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AIMP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Amino acids 298-320 (NVQRWMRSCENLAPFNTALKLLK-human) were used as the immunogen for this AIMP2 antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	AIMP2
Alternative Name:	AIMP2 (AIMP2 Products)
Background:	Aminoacyl tRNA synthetase complex-interacting multifunctional protein 2 is an enzyme that in humans is encoded by the AIMP2 gene. The gene is located on chromosome 7p22 flanked by two genes, HRI and PMS2. AIMP2 and HRI overlap slightly and are arranged in a tail-to-tail

Target Details

fashion. AIMP2 and PMS2 are separated by approximately 200 base pairs and are arranged head-to-head. AIMP2 is a scaffold required for the assembly and stability of the multi-tRNA synthetase complex. It can work as a mediator of TGF-beta signaling and its functional importance in the control of MYC during lung differentiation.

UniProt: [Q13155](#)

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the AIMP2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\.
Western blot: 0.5-1 µg/mL, IHC (Paraffin): 0.5-1 µg/mL

Restrictions: For Research Use only

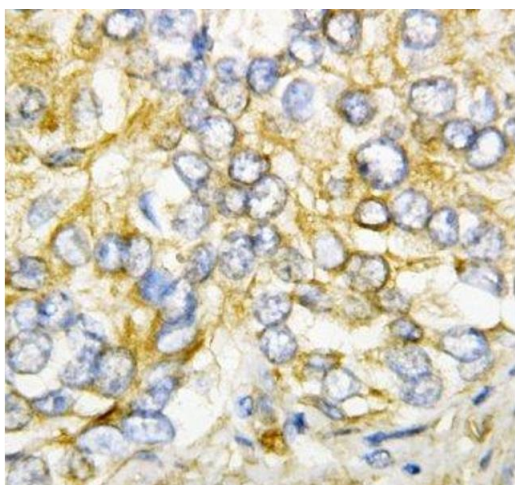
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

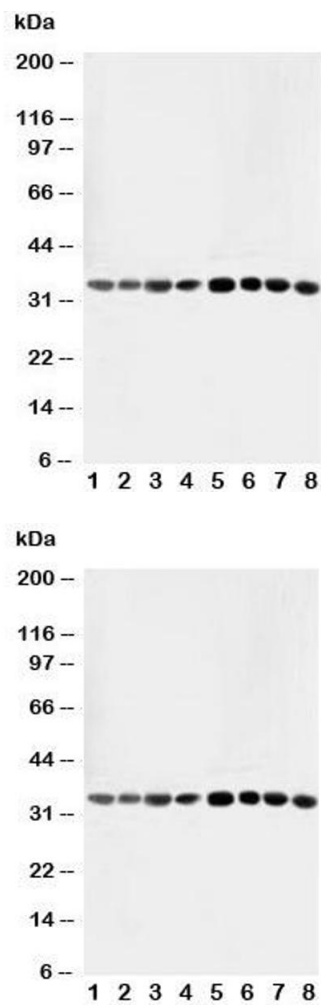
Storage Comment: After reconstitution, the AIMP2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Immunohistochemistry

Image 1. IHC-P: AIMP2 antibody testing of human rectal cancer tissue



Western Blotting

Image 2. Western blot testing of AIMP2 antibody and Lane 1: rat liver; 2: rat lung; 3: rat kidney; 4: rat brain; 5: Jurkat; 6: CEM; 7: HUT; 8: U93T; 10: U93T cell lysate

Western Blotting

Image 3. Western blot testing of AIMP2 antibody and Lane 1: rat liver