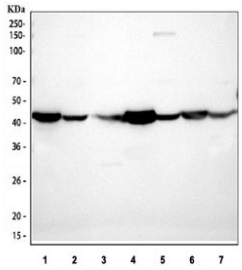
Anti-Actin Antibody / ACTA1 (R32166)

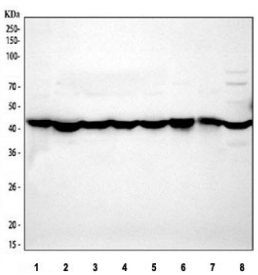
Catalog No.	Formulation	Size
R32166	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

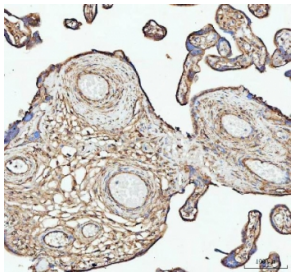
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P68133
Localization	Cytoplasmic
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 2-5ug/ml
Limitations	This anti-Actin antibody is available for research use only.



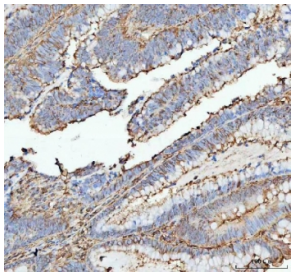
Western blot testing of 1) rat heart, 2) rat brain, 3) rat kidney, 4) mouse heart, 5) mouse brain, 6) mouse spleen and 7) mouse kidney tissue lysate with anti-Actin antibody. Expected molecular weight: 42-45 kDa.



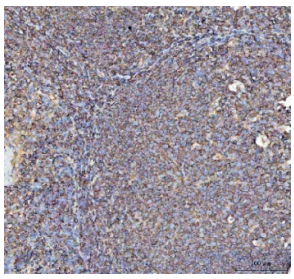
Western blot testing of human 1) placenta, 2) HeLa, 3) HepG2, 4) 293T, 5) A431, 6) U-87 MG, 7) U937 and 8) K562 cell lysate with anti-Actin antibody. Expected molecular weight: 42-45 kDa.



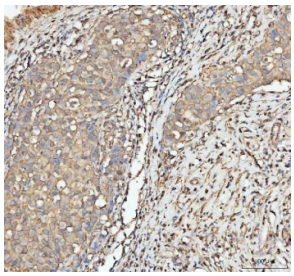
IHC staining of FFPE human placental tissue with anti-Actin antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



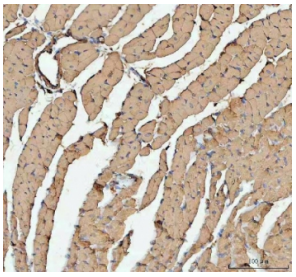
IHC staining of FFPE human colorectal adenocarcinoma tissue with anti-Actin antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



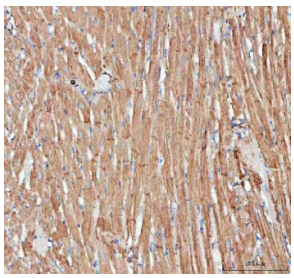
IHC staining of FFPE human tonsil tissue with anti-Actin antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human breast cancer tissue with anti-Actin antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE mouse heart tissue with anti-Actin antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat heart tissue with anti-Actin antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

Description

Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.

Application Notes

Optimal dilution of the anti-Actin antibody should be determined by the researcher.

Immunogen

Amino acids ITKQEYDEAGPSIVHRKCF of human ACTA1 were used as the immunogen for the anti-Actin antibody.

Storage

After reconstitution, the anti-Actin antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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