antibodies -online.com







anti-ACTG2 antibody (AA 1-50)

Images



Publication



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Quantity:	100 μL
Target:	ACTG2
Binding Specificity:	AA 1-50
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACTG2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Actin-gamma2.
Isotype:	IgG
Specificity:	Actin-gamma2 Antibody detects endogenous levels of total Actin-gamma2 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	ACTG2
Alternative Name:	Actin-Gamma2 (ACTG2 Products)
Background:	Synonyms: Actin gamma-enteric smooth muscle, Smooth muscle gamma-actin, Gamma-2-

Target Details

	actin, Alpha-actin-3, ACTG2, ACTA3, ACTL3, ACTSG NCBI Gene Symbol: ACTG2
Molecular Weight:	41 kDa
Gene ID:	72
OMIM:	102545
UniProt:	P63267

Application Details

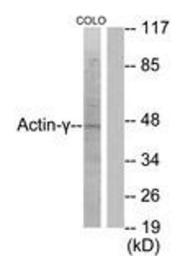
Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:20000
Comment:	Unigene-Number: Hs.516105 (NCBI Gene Symbol: ACTG2)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months

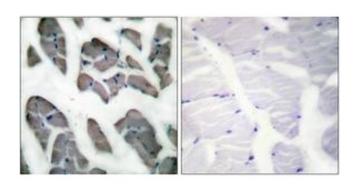
Publications

Product cited in: Morioka, Takano-Ohmuro: "Localizations of γ-Actins in Skin, Hair, Vibrissa, Arrector Pili Muscle and Other Hair Appendages of Developing Rats." in: **Acta histochemica et cytochemica**, Vol. 49, Issue 2, pp. 47-65, (2016) (PubMed).



Western Blotting

Image 1. Western blot analysis of extracts from COLO205 cells, using Actin-gamma2 Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffinembedded human skeletal muscle tissue, using Actingamma2 Antibody. The picture on the right is treated with the synthesized peptide.