



Datasheet for ABIN748433
anti-ITGA6 antibody (AA 1031-1130)



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Overview

Quantity:	100 µL
Target:	ITGA6
Binding Specificity:	AA 1031-1130
Reactivity:	Human, Mouse, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITGA6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ITGA6
Isotype:	IgG
Specificity:	Will recognize Isoform Alpha-6X1A
Cross-Reactivity:	Cow, Human, Mouse
Predicted Reactivity:	Rat,Cow,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	ITGA6
Alternative Name:	Integrin alpha 6 (ITGA6 Products)
Background:	Synonyms: CD49f, VLA-6, ITGA6B, Integrin alpha-6, CD49 antigen-like family member F, ITGA6 Background: Integrin alpha-6/beta-1 is a receptor for laminin on platelets. Integrin alpha-6/beta-4 is a receptor for laminin in epithelial cells and it plays a critical structural role in the hemidesmosome.
Gene ID:	3655
UniProt:	P23229
Pathways:	CXCR4-mediated Signaling Events , Brown Fat Cell Differentiation , Integrin Complex

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

Product cited in: Zheng, Zhu, Mu, Wu, Song, Zhai, Peng, Li, Hua: "CD49f promotes proliferation of male dairy goat germline stem cells." in: **Cell proliferation**, Vol. 49, Issue 1, pp. 27-35, (2016) ([PubMed](#)).

Torkamani, Rufaut, Jones, Sinclair: "Epidermal Cells Expressing Putative Cell Markers in Nonglabrous Skin Existing in Direct Proximity with the Distal End of the Arrector Pili Muscle." in: **Stem cells international**, Vol. 2016, pp. 1286315, (2016) ([PubMed](#)).

Niu, Zheng, Wu, Mu, Ma, Song, Zhu, Wu, He, Hua: "Ras/ERK1/2 pathway regulates the self-renewal of dairy goat spermatogonia stem cells." in: **Reproduction (Cambridge, England)**, Vol. 149, Issue 5, pp. 445-52, (2015) ([PubMed](#)).