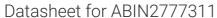
antibodies -online.com







anti-YAF2 antibody (Middle Region)

Images



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Quantity:100 μLTarget:YAF2Binding Specificity:Middle RegionReactivity:Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, RabbitHost:RabbitClonality:PolyclonalConjugate:This YAF2 antibody is un-conjugatedApplication:Western Blotting (WB), Immunohistochemistry (IHC)Product Details	Overview	
Binding Specificity: Middle Region Reactivity: Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Rabbit Host: Rabbit Clonality: Polyclonal Conjugate: This YAF2 antibody is un-conjugated Application: Western Blotting (WB), Immunohistochemistry (IHC)	Quantity:	100 μL
Reactivity: Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Rabbit Host: Rabbit Clonality: Polyclonal Conjugate: This YAF2 antibody is un-conjugated Application: Western Blotting (WB), Immunohistochemistry (IHC)	Target:	YAF2
Host: Rabbit Clonality: Polyclonal Conjugate: This YAF2 antibody is un-conjugated Application: Western Blotting (WB), Immunohistochemistry (IHC)	Binding Specificity:	Middle Region
Clonality: Polyclonal Conjugate: This YAF2 antibody is un-conjugated Application: Western Blotting (WB), Immunohistochemistry (IHC)	Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Rabbit
Conjugate: This YAF2 antibody is un-conjugated Application: Western Blotting (WB), Immunohistochemistry (IHC)	Host:	Rabbit
Application: Western Blotting (WB), Immunohistochemistry (IHC)	Clonality:	Polyclonal
	Conjugate:	This YAF2 antibody is un-conjugated
Product Details	Application:	Western Blotting (WB), Immunohistochemistry (IHC)
	Product Details	

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human YAF2
Sequence:	KGTSTRKPRP VSQLVAQQVT QQFVPPTQSK KEKKDKVEKE KSEKETTSKK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 86%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against YAF2. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified
Target Details	

Target: YAF2

Target Details

Alternative Name:	YAF2 (YAF2 Products)	
Background:	YAF2 interacts with YY1, a zinc finger protein involved in negative regulation of muscle-	
	restricted genes. YAF2 contains a single N-terminal C2-X10-C2 zinc finger, and in contrast to	
	YY1, is up-regulated during myogenic differentiation. It also facilitates proteolytic cleavage of	
	YY1 by the calcium- activated protease, m-calpain, suggesting a mechanism by which this	
	protein antagonizes the negative effect of YY1. The protein encoded by this gene interacts with	
	YY1, a zinc finger protein involved in negative regulation of muscle-restricted genes. This gene	
	product itself contains a single N-terminal C2-X10-C2 zinc finger, and in contrast to YY1, is up-	
	regulated during myogenic differentiation. It also facilitates proteolytic cleavage of YY1 by the	
	calcium- activated protease, m-calpain, suggesting a mechanism by which this protein	
	antagonizes the negative effect of YY1. Multiple transcript variants encoding different isoforms	
	have been found for this gene, but the full-length nature of only two have been confirmed to	
	date.	
	Alias Symbols: MGC41856	
	Protein Interaction Partner: SETBP1, XAGE1E, RING1, RNF2, BMI1, GABPB1, CSNK2A2, UBC,	
	CAND1, PCGF1, KDM2B, PCGF5, PCGF6, L3MBTL2, FBRS, BCORL1, BCOR, MGA, CBX3, WDR5,	
	PCGF3, YAF2, USP7, PCGF2, TFDP1, SKP1, HDAC2, E2F6, CSNK2A1, ZFP42, YY1, MYCN,	
	Protein Size: 180	
Molecular Weight:	20 kDa	
Gene ID:	10138	
NCBI Accession:	NM_005748, NP_005739	
UniProt:	Q8IY57	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 180 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %	

Handling

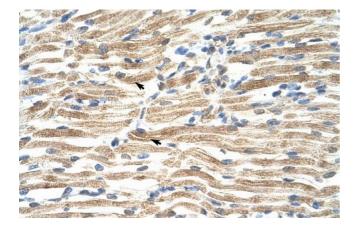
	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

70 kDa__ 60 kDa__ 48 kDa__ 36 kDa__ 21 kDa__

Western Blotting

Image 1. WB Suggested Anti-YAF2 Antibody Titration:1.25ug/ml ELISA Titer: 1:62500 Positive Control: Jurkat celllysate



Immunohistochemistry

Image 2. Human Muscle