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anti-Asporin antibody (Middle Region)



Images



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Quantity:	100 μL
Target:	Asporin (ASPN)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Dog, Cow, Guinea Pig, Horse, Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Asporin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ASPN
Sequence:	NKISTVELED FKRYKELQRL GLGNNKITDI ENGSLANIPR VREIHLENNK
Predicted Reactivity:	Cow: 93%, Dog: 86%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 86%, Rat: 100%, Zebrafish: 90%
Characteristics:	This is a rabbit polyclonal antibody against ASPN. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified
Target Details	
Target:	Asporin (ASPN)

Target Details

Alternative Name:	ASPN (ASPN Products)	
Background:	ASPN belongs to a family of leucine-rich repeat (LRR) proteins associated with the cartilage matrix. The name asporin reflects the unique aspartate-rich N terminus and the overall similarity to decorin. ASPN belongs to a family of leucine-rich repeat (LRR) proteins associated with the cartilage matrix. The name asporin reflects the unique aspartate-rich N terminus and the overall similarity to decorin (MIM 125255) (Lorenzo et al., 2001). [supplied by OMIM]. Alias Symbols: FLJ20129, PLAP1, SLRR1C, OS3, PLAP-1 Protein Size: 380	
Molecular Weight:	42 kDa	
Gene ID:	54829	
NCBI Accession:	NM_017680, NP_060150	
UniProt:	Q5TBF3	

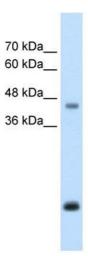
Application Details

Application Notes:

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Comment:	Antigen size: 380 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 % 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	

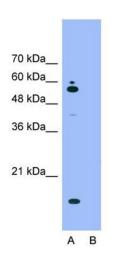
Optimal working dilutions should be determined experimentally by the investigator.

aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-ASPN Antibody Titration:2.5ug/ml Positive Control: HepG2 cell lysate



Anti-ASPN Western Blot & Peptide Block Validation

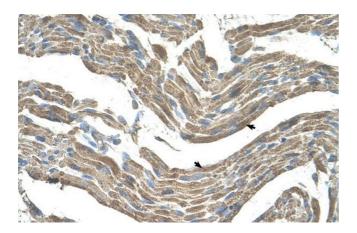
Lot Number: QC13343 Lysate: HepG2 Cell

Lane A: Primary Antibody Lane B: Primary Antibody + Blocking Peptide

Primary Antibody Concentration: 2.5µg/ml Peptide Concentration: 2.0µg/ml Lysate Quantity: 25µg/lane Gel Concentration: 12%

Western Blotting

Image 2. Host: Rabbit Target Name: ASPN Sample Type: HepG2 Lane A: Primary Antibody Lane B: Primary Antibody + Blocking Peptide Primary Antibody Concentration: 2.5ug/mL Peptide Concentration: 2.0ug/mL Lysate Quantity: 25ug/lane Gel Concentration: 12%



Immunohistochemistry

Image 3. Human Muscle