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anti-TASP1 antibody (Middle Region)





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Overview	
Quantity:	100 μL
Target:	TASP1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Horse, Rabbit, Cow, Zebrafish (Danio rerio), Guinea Pig, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TASP1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TASP1	
Sequence:	QNKQTLLVEF LWSHTTESMC VGYMSAQDGK AKTHISRLPP GAVAGQSVAI	
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%	
Characteristics:	This is a rabbit polyclonal antibody against TASP1. It was validated on Western Blot using a cell lysate as a positive control.	
Purification:	Affinity Purified	

Target Details

Target: TASP1

Target Details

Alternative Name:	TASP1 (TASP1 Products)	
Background:	This gene encodes an endopeptidase that cleaves specific substrates following aspartate residues. The encoded protein undergoes posttranslational autoproteolytic processing to generate alpha and beta subunits, which reassemble into the active alpha2-beta2 Alias Symbols: C20orf13, FLJ20212, MGC39159, dJ585I14.2 Protein Interaction Partner: ALL1, APP, GTF2A1, KMT2A, Protein Size: 420	
Molecular Weight:	19 kDa	
Gene ID:	55617	
NCBI Accession:	NM_017714, NP_060184	
UniProt:	Q9H6P5	

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 420 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 aliquots to prevent freeze-thaw cycles.

90 kDa__ 65 kDa__ 40 kDa__ 31 kDa__ 22 kDa__ 90 kDa__ 65 kDa__

40 kDa__

31 kDa_

22 kDa__

Western Blotting

Image 1. WB Suggested Anti-TASP1 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: MCF7 cell lysate

Western Blotting

Image 2. WB Suggested Anti-TASP1

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.12500

Positive Control: MCF7 cell lysate

TASP1 is supported by BioGPS gene expression data to be

expressed in MCF7