

ARG55056 anti-Calpain 5 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Calpain 5
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Calpain 5
Species	Human
Immunogen	Recombinant protein of Human Calpain 5 (Swiss: O15484)
Conjugation	Un-conjugated
Alternate Names	New calpain 3; VRNI; Calpain htra-3; nCL-3; Calpain-5; EC 3.4.22.-; ADNIV; HTRA3

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse thymus and SKOV3	

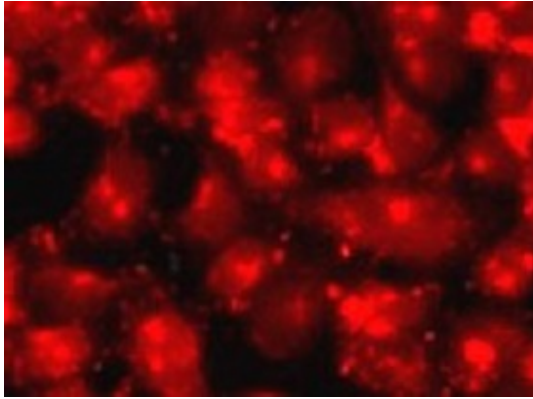
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

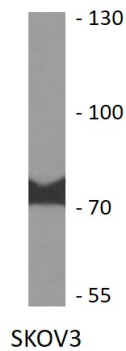
Gene Symbol	CAPN5
Gene Full Name	calpain 5
Background	Calpains are calcium-dependent cysteine proteases involved in signal transduction in a variety of cellular processes. A functional calpain protein consists of an invariant small subunit and 1 of a family of large subunits. CAPN5 is one of the large subunits. Unlike some of the calpains, CAPN5 and CAPN6 lack a calmodulin-like domain IV. Because of the significant similarity to <i>Caenorhabditis elegans</i> sex determination gene <i>tra-3</i> , CAPN5 is also called as HTRA3. [provided by RefSeq, Jul 2008]
Research Area	Cell Biology and Cellular Response antibody; Signaling Transduction antibody
Calculated Mw	73 kDa

Images



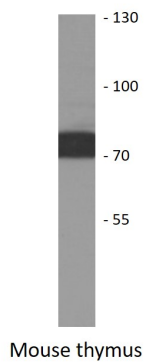
ARG55056 anti-Calpain 5 antibody ICC/IF image

Immunofluorescence: A549 cells stained with ARG55056 anti-Calpain 5 antibody.



ARG55056 anti-Calpain 5 antibody WB image

Western blot: SKOV3 cell lysate stained with ARG55056 anti-Calpain 5 antibody.



ARG55056 anti-Calpain 5 antibody WB image

Western blot: Mouse thymus lysate stained with ARG55056 anti-Calpain 5 antibody.