

CALR3 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14311

Product Information

Application	WB
Primary Accession	Q96L12
Other Accession	NM_145046 , NP_659483
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Dog, Guinea Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44996

Additional Information

Gene ID	125972
Alias Symbol	CRT2, FLJ25355, MGC26577, CT93, CMH19
Other Names	Calreticulin-3, Calreticulin-2, Calsperin, CALR3, CRT2
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-CALR3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	CALR3 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

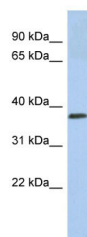
Protein Information

Name	CALR3
Synonyms	CRT2
Function	During spermatogenesis, may act as a lectin-independent chaperone for specific client proteins such as ADAM3. Required for sperm fertility (By similarity). CALR3 capacity for calcium-binding may be absent or much lower than that of CALR.
Cellular Location	Endoplasmic reticulum lumen {ECO:0000255 PROSITE- ProRule:PRU10138, ECO:0000269 PubMed:21590275}
Tissue Location	Testis specific..

References

Nomura R.,et al.Histochem. Cell Biol. 135:531-538(2011).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Grimwood J.,et al.Nature 428:529-535(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Persson S.,et al.Gene 297:151-158(2002).

Images



WB Suggested Anti-CALR3 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: Jurkat cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.