

Product datasheet for **TA358391**

AICDA Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the following sequence VKRRDSATSFSLDFGYLRNKGCHVELLFLRYISDWLDLDPGRCYRVTWFT
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat Homology: Cow: 93%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	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.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	24 kDa
Gene Name:	activation-induced cytidine deaminase
Database Link:	NP_065712 Entrez Gene 57379 Human Q9GZX7
Background:	This gene encodes a RNA-editing deaminase that is a member of the cytidine deaminase family. The protein is involved in somatic hypermutation, gene conversion, and class-switch recombination of immunoglobulin genes. Defects in this gene are the cause of autosomal recessive hyper-IgM immunodeficiency syndrome type 2 (HIGM2).



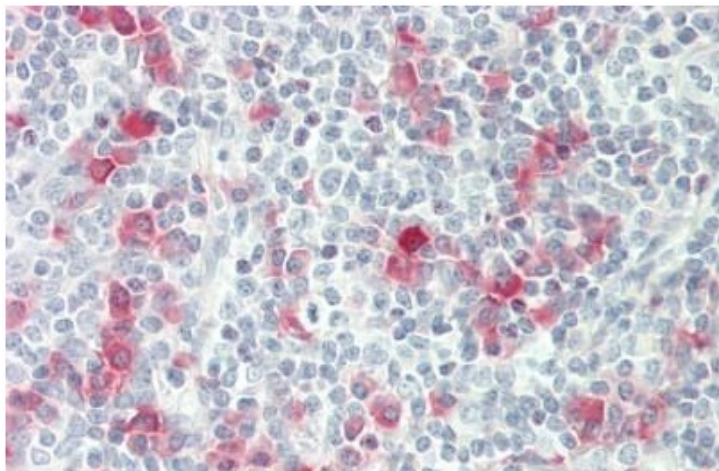
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Synonyms: AID; ARP2; CDA2; HIGM2

Protein Families: Druggable Genome

Protein Pathways: Primary immunodeficiency

Product images:



Immunohistochemistry with Formalin-Fixed, Paraffin-Embedded (FFPE) human tonsil tissue at an antibody concentration of 10 ug/ml using anti-AICDA Antibody (TA358391)