

Product datasheet for **TA329254**

NFYA Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-NFYA antibody: synthetic peptide directed towards the C terminal of human NFYA. Synthetic peptide located within the following region: YLHESRHRHAMARKRGEGGRFFSPKEKDSPHMQDPNQADEEAMTQIIIRVS
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>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	37 kDa
Gene Name:	nuclear transcription factor Y subunit alpha
Database Link:	NP_002496 Entrez Gene 4800 Human P23511
Background:	NFYA is one subunit of a trimeric complex, forming a highly conserved transcription factor that binds to CCAAT motifs in the promoter regions in a variety of genes. Subunit A associates with a tight dimer composed of the B and C subunits, resulting in a trimer that binds to DNA with high specificity and affinity. The sequence specific interactions of the complex are made by the A subunit, suggesting a role as the regulatory subunit. In addition, there is evidence of post-transcriptional regulation in this gene product, either by protein degradation or control of translation. Further regulation is represented by alternative splicing in the glutamine-rich activation domain, with clear tissue-specific preferences for the two isoforms.



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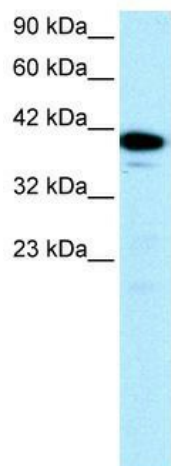
Synonyms: CBF-A; CBF-B; HAP2; NF-YA

Note: Immunogen sequence homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%

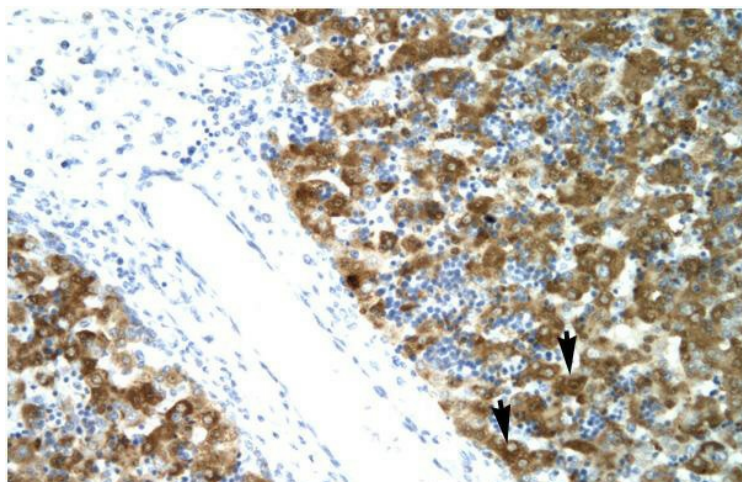
Protein Families: Transcription Factors

Protein Pathways: Antigen processing and presentation

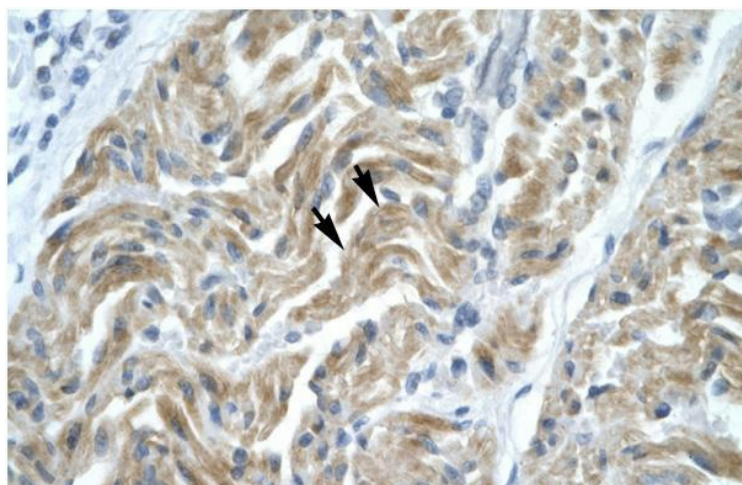
Product images:



WB Suggested Anti-NFYA Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: Jurkat cell lysate. NFYA is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



Human Liver



Human Muscle