

Recombinant

DGRmAb®

NFYA (DGR12606) Rabbit mAb

db14822

Package : 10µL 20µL 50µL 100µL

Product Name : NFYA (DGR12606) Rabbit mAb**Cat.No.:** db14822**Synonyms :** HAP2; CBF-A; CBF-B; NF-YA**Application :** WB, ICC/IF, FC**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

The protein encoded by this gene 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. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human NFYA

Gene ID

4800

Swiss Prot

P23511

Synonyms

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

Reactivity

Human,Mouse,Rat

Application

WB, ICC/IF, FC

Recommended dilution

WB: 1:1000-1:5000

ICC/IF: 1:100-1:200

FC: 1:10-1:100

Calculated MW

37 kDa

Observed MW

37 kDa

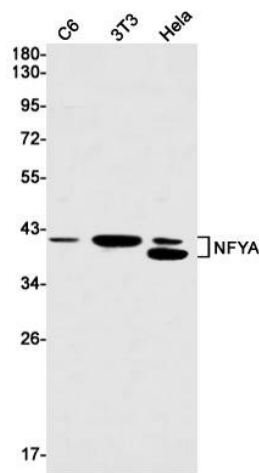
Host species

Rabbit

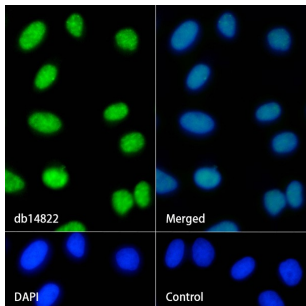
Clonality

Monoclonal

Clonality No.	DGR12606
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of NFYA in C6,3T3,HeLa cell lysates using NFYA antibody(1:1000 diluted).



Immunofluorescence analysis of HeLa cells labelling NFYA with db14822.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db14822 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 ([db10005](#), shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.