

Recombinant

DGRmAb®

## NFYA (DGR12606) Rabbit mAb (PBS Only)

db14822-PBS

Package : 100µg

**Product Name :** NFYA (DGR12606) Rabbit mAb (PBS Only)**Cat.No.:** db14822-PBS**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

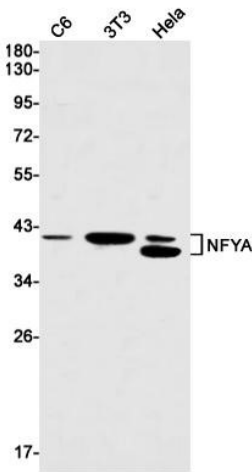
**Host species**

Rabbit

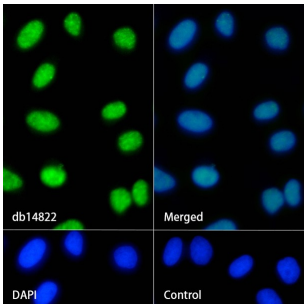
**Clonality**

Monoclonal

Clonality No.	DGR12606
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of NFYA in C6,3T3,HeLa cell lysates using db14822(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.