

## ARG52246 anti-COBRA1 antibody [F7E4]

Package: 50 µl  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [F7E4] recognizes COBRA1
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	F7E4
Isotype	IgG1
Target Name	COBRA1
Species	Human
Immunogen	Recombinant full length human COBRA1 purified from E. coli
Conjugation	Un-conjugated
Alternate Names	COBRA1; Negative elongation factor B; NELF-B; Cofactor of BRCA1

### Application Instructions

Application table	Application	Dilution
	WB	1:1,000
Application Note	<p>Specific for the ~62k COBRA1 protein in Western blots of neonatal Rat brain lysate.            * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>	

### Properties

Form	Liquid
Purification	Protein G purified
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 0.1 mg/ml BSA and 50% Glycerol
Stabilizer	0.1 mg/ml BSA, 50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Database links	<a href="#">GeneID: 25920 Human</a>
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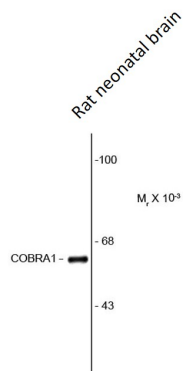
[GeneID: 58202 Mouse](#)

[Swiss-port # Q8C4Y3 Mouse](#)

[Swiss-port # Q8WX92 Human](#)

Gene Symbol	COBRA1
Gene Full Name	negative elongation factor complex member B
Background	COBRA1 (cofactor of BRCA1) also known as NELF-B, is an essential component of the negative elongation factor (NELF) complex. COBRA1 has been shown to directly bind estrogen receptor alpha (ER $\alpha$ ) and repress ER $\alpha$ -mediated transcription (Aiyar SE et al., 2004). COBRA1 has also been demonstrated to interact with c-Jun and c-Fos suggesting a role in modulation of the AP-1 pathway and therefore may be important in cell proliferation, differentiation, apoptosis and oncogeneis (Zhong H et al., 2004)
Research Area	Gene Regulation antibody
Calculated Mw	66 kDa

## Images



ARG52246 anti-COBRA1 antibody [F7E4] WB image

Western blot: Rat neonatal brain lysate showing specific immunolabeling of the ~62 kDa COBRA1 protein stained with ARG52246 anti-COBRA1 antibody [F7E4].