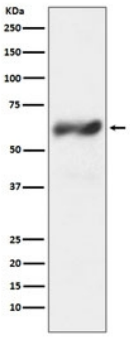
c-Fos Antibody / FOS [clone IIO-6] (RQ4859)

Catalog No.	Formulation	Size
RQ4859	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	IIO-6
Purity	Affinity purified
UniProt	P01100
Applications	Western blot : 1:500-1:2000
Limitations	This c-Fos antibody is available for research use only.



Western blot testing of human HeLa cell lysate with c-Fos antibody. Expected molecular weight: ~40 kDa (unmodified), 53-68 kDa (phosphorylated).

Description

The Fos gene family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. These genes encode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the transcription factor complex AP-1. As such, the FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. In some cases, expression of the FOS gene has also been associated with apoptotic cell death. [RefSeq]

Application Notes

Optimal dilution of the c-Fos antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human c-Fos / FOS was used as the immunogen for the c-Fos antibody.

Storage

Store the c-Fos antibody at -20oC.

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