

## E2F8 antibody

### Product Information

|               |  |
|---------------|--|
| Catalog No.:  | FNab02604  |
| Size:         | 100µg  |
| Form:         | liquid   |
| Purification: | Immunogen affinity purified  |
| Purity:       | ≥95% as determined by SDS-PAGE   |
| Host:         | Rabbit   |
| Clonality:    | polyclonal   |
| Clone ID:     | None   |
| IsoType:      | IgG  |
| Storage:      | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.) |

### Background

Atypical E2F transcription factor that participates in various processes such as angiogenesis and polyploidization of specialized cells. Mainly acts as a transcription repressor that binds DNA independently of DP proteins and specifically recognizes the E2 recognition site 5'-TTTC[CG]CGC-3'. Directly represses transcription of classical E2F transcription factors such as E2F1: component of a feedback loop in S phase by repressing the expression of E2F1, thereby preventing p53/TP53-dependent apoptosis. Plays a key role in polyploidization of cells in placenta and liver by regulating the endocycle, probably by repressing genes promoting cytokinesis and antagonizing action of classical E2F proteins(E2F1, E2F2 and/or E2F3). Required for placental development by promoting polyploidization of trophoblast giant cells. Acts as a promoter of sprouting angiogenesis, possibly by acting as a transcription activator: associates with HIF1A, recognizes and binds the VEGFA promoter, which is different from canonical E2 recognition site, and activates expression of the VEGFA gene.

### Immunogen information

|              |  |
|--------------|--|
| Immunogen:   | E2F transcription factor 8             |
| Synonyms:    | Transcription factor E2F8 (E2F-8) E2F8 |
| Observed MW: | 82 kDa, 105 kDa                        |
| Uniprot ID : | A0AVK6                                 |

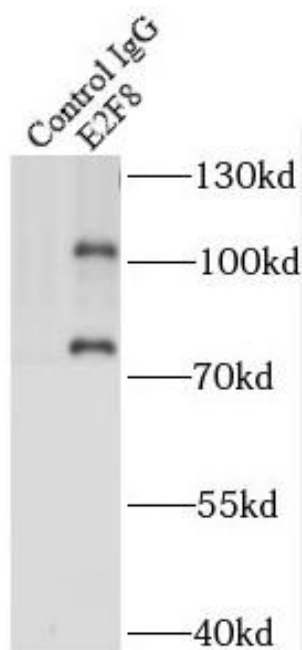
### Application

Reactivity: Human, Mouse, Rat

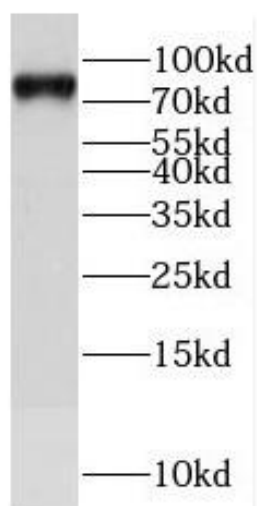
Tested Application: ELISA, WB, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:2000

Image:



IP Result of anti-E2F8 (IP:FNab02604, 4ug;  
Detection:FNab02604 1:500) with HEK-293 cells  
lysate 2800ug.



HeLa cells were subjected to SDS PAGE followed  
by western blot with FNab02604(E2F8 antibody)  
at dilution of 1:1000