

35-1372: Polyclonal Antibody to NFkB-p100/p52 (Ab-866)

Clonality :	Polyclonal
Application :	WB,IHC,IF
Reactivity :	Human,Mouse,Rat
Format :	Purified
Alternative Name :	DNA-binding factor KBF2, H2TF1, Lymphocyte translocation chromosome 10, Lyt10, NFKB2
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around aa.864~868 (E-D-S-A-Y) derived from Human NFkB-p100.

Description

NFKB has been detected in numerous cell types that express cytokines, chemokines, growth factors, cell adhesion molecules, and some acute phase proteins in health and in various disease states. NFKB is activated by a wide variety of stimuli such as cytokines, oxidant-free radicals, inhaled particles, ultraviolet irradiation, and bacterial or viral products. Inappropriate activation of NF-kappa-B has been linked to inflammatory events associated with autoimmune arthritis, asthma, septic shock, lung fibrosis, glomerulonephritis, atherosclerosis, and AIDS. In contrast, complete and persistent inhibition of NF-kappa-B has been linked directly to apoptosis, inappropriate immune cell development, and delayed cell growth. Qu Z, et al. (2004) J Biol Chem. 279(43): 44563-44572. Xiao G, et al. (2001) Mol Cell. 7(2): 401-409. Baeuerle P A, et al. (1994) Annu Rev Immunol. 12:141-179. Baeuerle P A, et al. (1996) Cell 87:13-20. Haskill S, et al. (1991) Cell 65:1281-1289.

Product Info

Amount :	50 µl / 100 µl
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 120 kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100, Immunofluorescence: 1:100~1:200

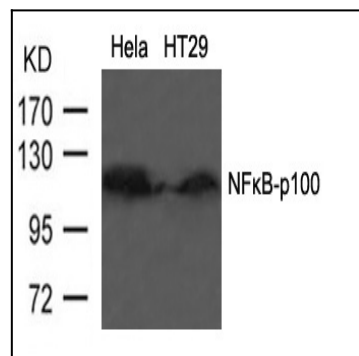


Figure 1: Western blot analysis of extracts from HT29 cells using NFkB-p100(Ab-866) Antibody 35-1372 .

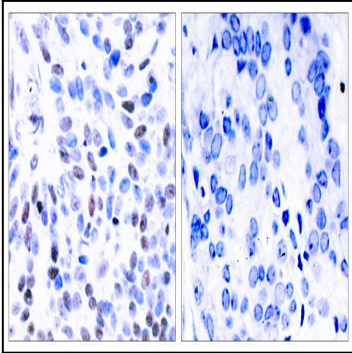


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using NFkB-p100(Ab-866) Antibody 35-1372 (left) or the same antibody preincubated with blocking peptide(right).

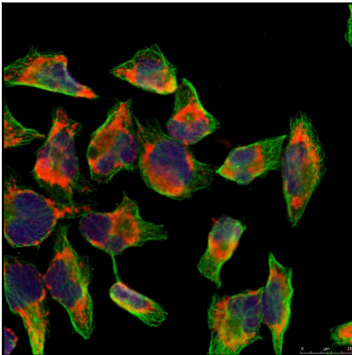


Figure 3: Immunofluorescence staining of methanol-fixed HeLa cells using NFkB-p100(Ab-866) Antibody 35-1372 .