

Product datasheet for **TA379101**

IKB alpha (NFKBIA) Rabbit Polyclonal Antibody

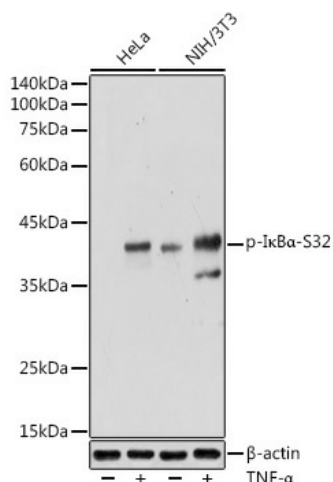
Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB,1:500 - 1:1000 |
| Reactivity: | Human, Mouse |
| Modifications: | Phospho S32 |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | A phospho specific peptide corresponding to residues surrounding S32 of human NFKBIA. |
| Formulation: | Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| Concentration: | lot specific |
| Purification: | Affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles. |
| Stability: | Shelf life: one year from despatch. |
| Predicted Protein Size: | 35kDa |
| Gene Name: | NFKB inhibitor alpha |
| Database Link: | Entrez Gene 4792 Human P25963 |
| Background: | This gene encodes a member of the NF-kappa-B inhibitor family, which contain multiple ankrin repeat domains. The encoded protein interacts with REL dimers to inhibit NF-kappa-B/REL complexes which are involved in inflammatory responses. The encoded protein moves between the cytoplasm and the nucleus via a nuclear localization signal and CRM1-mediated nuclear export. Mutations in this gene have been found in ectodermal dysplasia anhidrotic with T-cell immunodeficiency autosomal dominant disease. |
| Synonyms: | I-kappa-B-alpha; IkappaBalpa; Ikb-alpha; IKBA; MAD-3; MAD3; NFKBI |



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Product images:



Western blot analysis of extracts of various cell lines, using Phospho-IκBα-S32 antibody (TA379101) at 1:1000 dilution. Both HeLa cells and NIH/3T3 cells were treated by TNF-α (20 ng/ml) at 37°C for 30 minutes. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Enhanced Kit. | Exposure time: 180s.