



IF3 Polyclonal Antibody

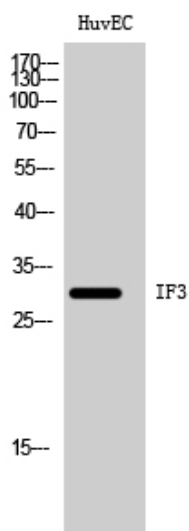
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|----------------------------------|---|
| Catalog No | YP-Ab-03926 |
| Isotype | IgG |
| Reactivity | Human;Rat;Mouse; |
| Applications | WB;IHC;IF;ELISA |
| Gene Name | MTIF3 |
| Protein Name | Translation initiation factor IF-3 mitochondrial |
| Immunogen | The antiserum was produced against synthesized peptide derived from human MTIF3. AA range:69-118 |
| Specificity | IF3 Polyclonal Antibody detects endogenous levels of IF3 protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source | Polyclonal, Rabbit,IgG |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | MTIF3; DC38; Translation initiation factor IF-3; mitochondrial; IF-3(Mt); IF-3Mt; IF3(mt); IF3mt |
| Observed Band | 30kD |
| Cell Pathway | Mitochondrion . |
| Tissue Specificity | Cervix,Colon,Dendritic cell,Melanocyte, |
| Function | function:IF-3 binds to the 28S ribosomal subunit and shifts the equilibrium between 55S ribosomes and their 39S and 28S subunits in favor of the free subunits, thus enhancing the availability of 28S subunits on which protein synthesis initiation begins.,similarity:Belongs to the IF-3 family., |
| Background | This gene encodes a translation initiation factor that is involved in mitochondrial protein synthesis. Polymorphism in this gene is associated with the onset of Parkinson's disease. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 5. [provided by RefSeq, Oct 2009], |
| matters needing attention | Avoid repeated freezing and thawing! |



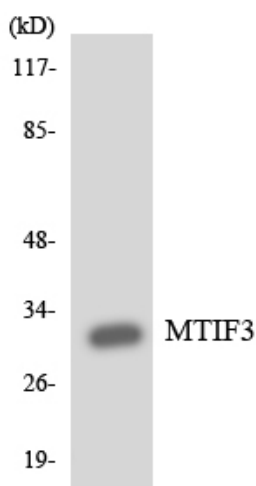
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

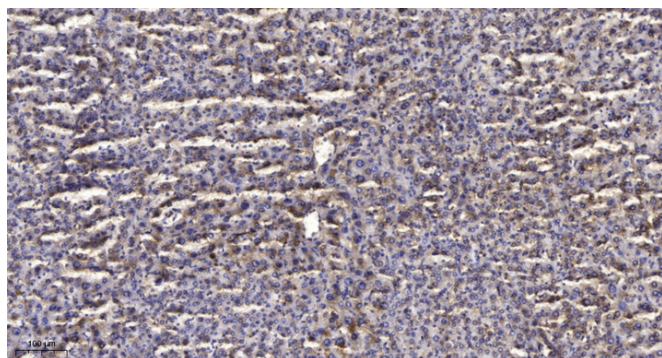
Products Images



Western Blot analysis of HuvEC cells using IF3 Polyclonal Antibody diluted at 1:500



Western blot analysis of the lysates from HUVEC cells using MTIF3 antibody.



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).