



Tra-2 α Polyclonal Antibody

E20-74713**Catalog Number:**E20-74713**Amount:**100ul**Applications:**WB;IHC;IF;ELISA**Reactivity:**Human;Mouse**Target:**Tra-2 α **Fields:**>>Spliceosome;>>Alcoholic liver disease**Gene Name:**TRA2A**Protein Name:**Transformer-2 protein homolog alpha**Human Gene Id:**29896**Human Swiss Prot No:**Q13595**Mouse Swiss Prot No:**Q6PFR5**Immunogen:**The antiserum was produced against synthesized peptide derived from human TRA-2 alpha. AA range:221-270**Specificity:**Tra-2 α Polyclonal Antibody detects endogenous levels of Tra-2 α protein.**Formulation:**Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.**Source:**Polyclonal, Rabbit,IgG**Dilution:**WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.**Purification:**The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.**Concentration:**1 mg/ml**Storage Stability:**-15°C to -25°C/1 year(Do not lower than -25°C)**Other Name:**TRA2A;Transformer-2 protein homolog alpha;TRA-2 alpha;TRA2-alpha;Transformer-2 protein homolog A**Observed Band(KD):**33kD**Background:**This gene is a member of the transformer 2 homolog family and encodes a protein with several RRM (RNA recognition motif) domains. This phosphorylated nuclear protein binds to specific RNA sequences and plays a role in the regulation of pre-mRNA splicing. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2013]**Function:**function:Sequence-specific RNA-binding protein which participates in the control of pre-mRNA splicing.,PTM:Phosphorylated in the RS domains.,similarity:Belongs to the splicing factor SR

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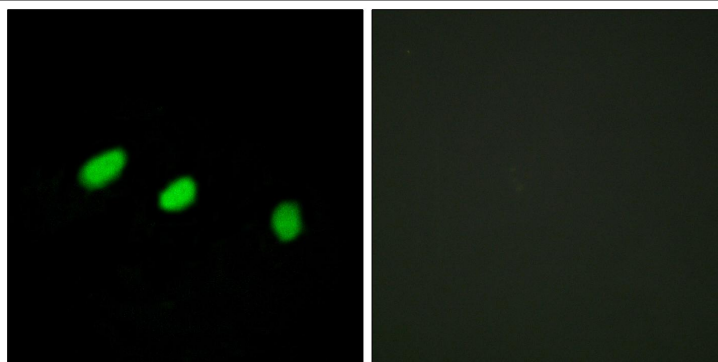
family.,similarity:Contains 1 RRM (RNA recognition motif) domain.,subunit:Binds to A3 enhancer proteins SRp75, SRp55, SRp40 and SRp30.

Subcellular Location:Nucleus.

Expression:Cervix carcinoma,Epithelium,Hepatocyte,Lung,Testis,Uterus



Western Blot analysis of various cells using Tra-2 α Polyclonal Antibody diluted at 1:500. Secondary antibody was diluted at 1:20000 cells nucleus extracted by Minute Cytoplasmic and Nuclear Fractionation kit.



Immunofluorescence analysis of HeLa cells, using TRA-2 alpha Antibody. The picture on the right is blocked with the synthesized peptide.