

Product datasheet for **TA809099S**

Translin (TSN) Mouse Monoclonal Antibody [Clone ID: OT11B5]

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OT11B5 |
| Applications: | IHC, WB |
| Recommended Dilution: | WB 1:500~2000, IHC 1:500 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG2a |
| Clonality: | Monoclonal |
| Immunogen: | Human recombinant protein fragment corresponding to amino acids 1-51 of human TSN(NP_004613) produced in E.coli. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 1 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 26 kDa |
| Gene Name: | translin |
| Database Link: | NP_004613 Entrez Gene 22099 Mouse Entrez Gene 60381 Rat Entrez Gene 7247 Human Q15631 |



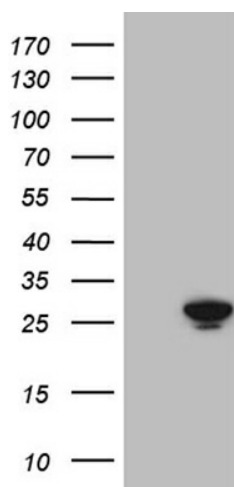
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Background:

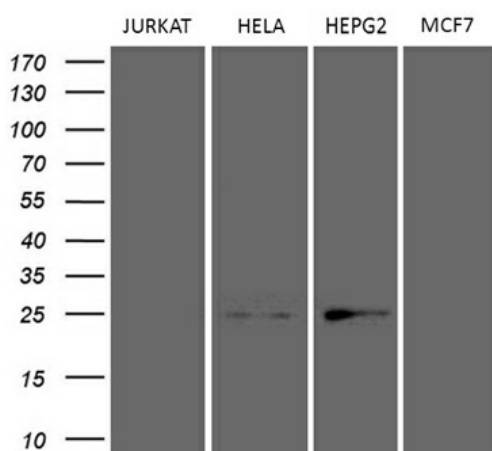
This gene encodes a DNA-binding protein which specifically recognizes conserved target sequences at the breakpoint junction of chromosomal translocations. Translin polypeptides form a multimeric structure that is responsible for its DNA-binding activity. Recombination-associated motifs and translin-binding sites are present at recombination hotspots and may serve as indicators of breakpoints in genes which are fused by translocations. These binding activities may play a crucial role in chromosomal translocation in lymphoid neoplasms. This protein encoded by this gene, when complexed with translin-associated protein X, also forms a Mg ion-dependent endoribonuclease that promotes RNA-induced silencing complex (RISC) activation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2012]

Synonyms:

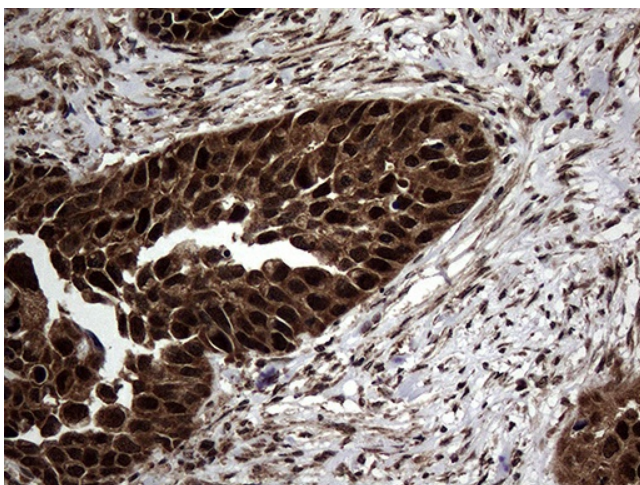
BCLF-1; C3PO; RCHF1; REHF-1; TBRBP; TRSLN

Product images:


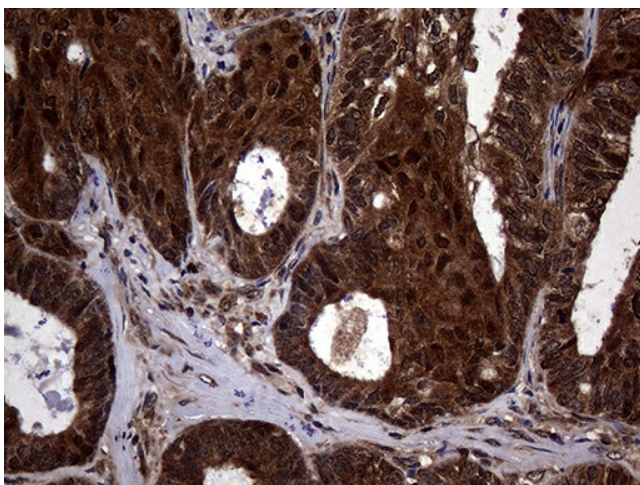
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY TSN (Cat# [RC201804], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TSN (Cat# [TA809099])(1:2000). Positive lysates [LY417864] (100ug) and [LC417864] (20ug) can be purchased separately from OriGene.



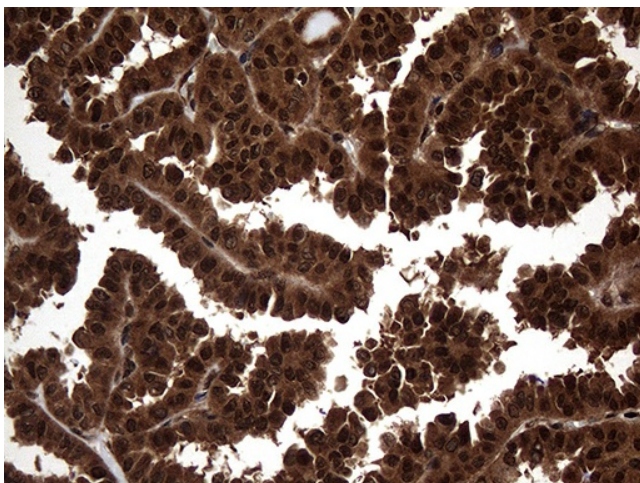
Western blot analysis of extracts (35ug) from 3 different cell lines by using anti-TSN monoclonal antibody (HepG2: human; HeLa: human; Jurkat: human; MCF7: human) (1:500).



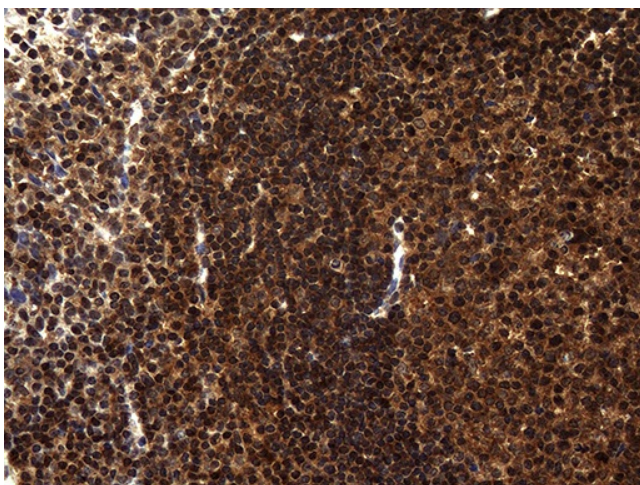
Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-TSN mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809099]) (1:500)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-TSN mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809099]) (1:500)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-TSN mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809099]) (1:500)



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-TSN mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809099]) (1:500)