
Anti-TIAR

Cat #: HM1372
Goat polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

TIA-1 and TIAR are two closely related proteins that possess three RRM (RNA recognition motifs), designated RRM 1, 2 and 3. Both TIA-1 and TIAR are thought to function as mediators of apoptotic cell death. Serine/threonine kinase FAST (Fas-activated serine/threonine), shows kinase specificity towards both TIA-1 and TIAR. TIAR is translocated to the cytoplasm shortly after Fas ligation and this event immediately proceeds the onset of DNA fragmentation. One TIAR isoform contains a lysosome-targeting motif in its C-terminal auxiliary domain; however, alternative splicing results in a T-cluster DNA-binding isoform, differing at the C-terminus where a hydrophobic sequence replaces the lysosome-targeting motif.

SPECIFICITY

This antibody specifically reacts with TIAR of human, mouse and rat origin.

The antibody can be used in Western blotting, immunoprecipitation and immunohistochemistry.

IMMUNOGEN

A synthetic peptide derived from N-terminus of human TIAR protein.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

REFERENCES

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