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Product datasheet for AP20462PU-M

TRAP80 (MED17) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	**Western blot:** 1/500 - 1/1000. **Immunohistochemistry on paraffin sections:** 1/50 - 1/200.
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	This antibody detects endogenous levels of CRSP77 protein. (region surrounding Val171)
Formulation:	Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2. State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	1.0 mg/ml
Purification:	Affinity chromatography (> 95% (by SDS-PAGE)
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~ 73 kDa
Gene Name:	mediator complex subunit 17
Database Link:	Entrez Gene 234959 MouseEntrez Gene 9440 Human Q9NVC6

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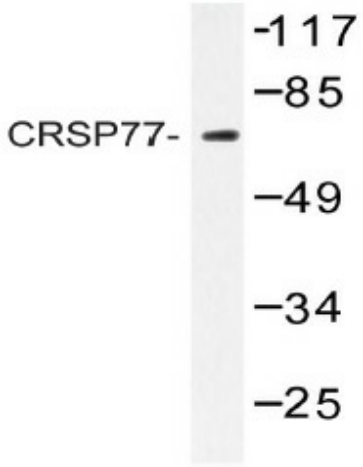
Background: In mammalian cells, transcription is regulated in part by high molecular weight coactivating complexes that mediate signals between transcriptional activators and RNA polymerase. These complexes include CRSP (for cofactor required for Sp1 activation), which is required, in conjunction with TAFIIs, for transcriptional activation by Sp1. CRSP is ubiquitously expressed in various tissues and functions as a multimeric complex that consists of nine distinct subunits, each having an individual molecular mass ranging from 33 to 200 kDa. Several members of the CRSP family share sequence similarity with multiple components of the yeast transcriptional mediator proteins, including CRSP150, which is related to yeast Rgr1, and CRSP70, which is similar to the elongation factor TFIIS. CRSP77 and CRSP150 are also related to proteins within the putative murine mediator complex, while CRSP130 and CRSP34 are largely unrelated to either murine or yeast proteins. CRSP subunits also associate with larger multimeric co-activator complexes, including ARC/DRI, which binds directly to SREBP and nuclear hormone receptors to facilitate transcription, and with NAT, a polymerase II-interacting complex.

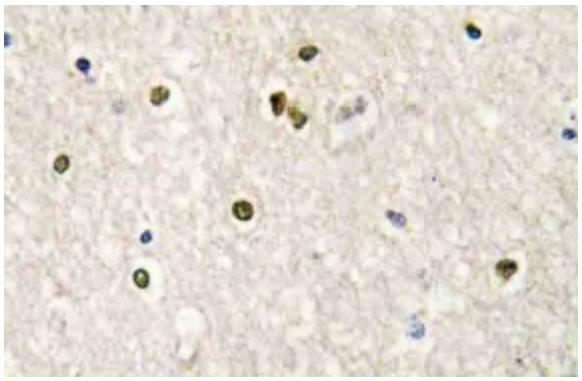
Synonyms: Mediator complex subunit 17, ARC77, CRSP6, DRIP77, DRIP80, TRAP80, CRSP complex subunit 6

Protein Families: Druggable Genome, Transcription Factors

Product images:



Western blot (WB) analysis of CRSP77 antibody (Cat.-No.: [AP20462PU-N]) in extracts from HT-29 cells.



Immunohistochemistry (IHC) analyzes of CRSP77 antibody (Cat.-No.: [AP20462PU-N]) in paraffin-embedded human brain tissue.