

Product datasheet for **AP55333SU-N**

TAGLN2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Western Blot: 1/50-1/500. Immunohistochemistry: 1/500-1/2000.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide derived from N-terminal domain of Human TAGL-2
Specificity:	Reacts with Human 23 kDa TAGLN2 protein.
Formulation:	State: Serum State: Lyophilized powder Preservative: None
Reconstitution Method:	Restore in distilled water.
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store the antibody at -20°C. Store reconstituted antibody 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.
Gene Name:	transgelin 2
Database Link:	Entrez Gene 8407 Human P37802
Background:	TAGLN2, also known transgelin 2, is one of the earliest markers of differentiated smooth muscle. This protein contains a calponin like repeat and a calponin-homology (CH) domain. It is downregulated in several transformed cell lines, indicating that a reduction of transgelin expression may be an early indicator of the onset of transformation. It also binds actin, causing actin fibers to gel within minutes of binding. Binding of transgelin to actin occurs at a ratio of 1:6 actin monomers.



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Synonyms: KIAA0120