

Product datasheet for **AP05025PU-N**

TGFBR2 (77-148) Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	Western Blot: 1:100. Immunohistology.
Reactivity:	Chicken
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Specificity:	This antibody reacts to TGF Type II Receptor a.a. 77 - 148.
Formulation:	Phosphate buffered saline with 0.08% sodium azide State: Purified State: Liquid purified Ig (0.2µm sterile filtered)
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	transforming growth factor, beta receptor II (70/80kDa)
Database Link:	Entrez Gene 396399 Chicken Q90999
Background:	The immunogen used was a GST fusion protein containing chick transforming growth factor b type II receptor a.a.77-148. Epithelial-mesenchymal transformation is a critical event in the development of many organ systems including heart. Transforming Growth Factor b (TGFb) is one of a number of factors that mediates this transformation. Antibodies directed against TGFb Type II receptor block both the endocardial cell activation and subsequent migration that constitute transformation in the chick atrioventricular (AV) cushion.
Synonyms:	TGF-beta receptor type-2, TGF-beta receptor type II, TGF-beta type II receptor, TbetaR-II, TGFBR-2



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