

Goat anti-TIAL1 & TIA Antibody

Item Number	dAP-2190
Target Molecule	Principle Name: TIAL1 & TIA; Official Symbol: TIAL1; All Names and Symbols: TIAL1; TIA1 cytotoxic granule-associated RNA binding protein-like 1; MGC33401; TCBP; TIAR; OTTHUMP0000020602; OTTHUMP0000020605; T-cluster binding protein; TIA-1 related protein; TIA-1-related nucleolysin; TIA1 cytotoxic granule-associated RNA-binding p; Accession Number (s): NP_003243.1; NP_001029097.1; Human Gene ID(s): 7073; 7072; Non-Human GeneID(s): 21843 (mouse)
Immunogen	SPEITTEDIKSAFAP, is from internal region This antibody is expected to recognize both isoforms (NP_003243.1; NP_001029097.1).
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Approx 45kDa band observed in lysates of cell line K562 (calculated MW of 43.4kDa according to NP_001029097.1). Recommended concentration: 1-3µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Skin shows staining of select keratinocytes. Recommended concentration, 3-5µg/ml.
Reference	Reference(s): Yeowell HN, Walker LC, Mauger DM, Seth P, Garcia-Blanco MA, TIA nuclear proteins regulate the alternate splicing of lysyl hydroxylase 2. The Journal of investigative dermatology 2009 Jun 129 (6): 1402-11.. PMID: 19110540->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**