# Goat anti-GLI2 Antibody

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| **Item Number** | dAP-0805 |
| **Target Molecule** | Principle Name: GLI2; Official Symbol: GLI2; All Names and Symbols: GLI2; GLI-Kruppel family member GLI2 ; THP2; oncogene GLI2; tax helper protein 2; tax-responsive element-2 holding protein; tax-responsive element-25-bp sequence binding protein; zinc finger protein GLI2; Accession Number (s): NP_005261.2; Human Gene ID(s): 2736; Non-Human GeneID(s): |
| **Immunogen** | DLKEDLDRDDCKQE, is from internal region<br>This antibody is expected to recognise all four reported isoforms (NP_084655.1, NP_084656.1, NP_084657.1 and NP_005261.1) |
| **Applications** | Pep ELISA, IHC<br><br>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; Reconsititute 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.<br>Aliquot and store at -20°C. Minimize freezing and thawing. |
| **Peptide ELISA** | Peptide ELISA: antibody detection limit dilution 1 to 2000. |
| **Western Blot** | Western Blot: Preliminary experiments gave an approx 55kDa band in Human Bone Marrow and Ovary lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated |
| **IHC** | Immunohistochemistry: In paraffin embedded Human Lymph Node shows nuclear staining in macrophages. Recommended concentration: 4-6µg/ml. |
| **Reference** | Reference(s): Haycraft CJ, Banizs B, Aydin-Son Y, Zhang Q, Michaud EJ, Yoder BK. Gli2 and gli3 localize to cilia and require the intraflagellar transport protein polaris for processing and function. PLoS Genet. 2005 Oct;1(4):e53. Epub 2005 Oct 28. .PMID: 16254602 -> |

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 ender users! This product is sold for Research Use Only