

Goat anti-Htr1a (mouse) Antibody

Item Number	dAP-2453
Target Molecule	Principle Name: Htr1a (mouse); Official Symbol: Htr1a; All Names and Symbols: Htr1a; 5-hydroxytryptamine (serotonin) receptor 1A; Gpcr18; 5-HT-1A; 5-HT1A receptor; 5-hydroxytryptamine receptor 1A; G-protein coupled receptor 18; serotonin receptor 1A; Accession Number (s): NP_032334.2; Human Gene ID(s): 3350; Non-Human GeneID(s): 15550 (mouse) 24473 (rat)
Immunogen	ERKNERTAEAKRK, is from internal region
Applications	Pep ELISA, WB Species Tested: Human, Mouse
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 128000.
Western Blot	Western Blot: Approx 45kDa band observed in Mouse Brain lysates (calculated MW of 46.2kDa according to Mouse NP_032334.2). Recommended concentration: 1-3µg/ml. Additional bands of 75 and 18kDa of unknown identity were consistently observed. These bands w
IHC	
Reference	Reference(s): Mekli K, Payton A, Miyajima F, Platt H, Thomas E, Downey D, Lloyd Williams K, Chase D, Toth ZG, Elliott R, Ollier WE, Anderson IM, Deakin JF, Bagdy G, Juhasz G. The HTR1A and HTR1B receptor genes influence stress-related information

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**