

Goat anti-TMEM132A Antibody

Item Number	dAP-2742
Target Molecule	Principle Name: TMEM132A; Official Symbol: TMEM132A; All Names and Symbols: TMEM132A; trans-membrane protein 132A; DKFZp547E212; FLJ20539; GBP; HSPA5BP1; MGC138669; GRP78-binding protein; HSPA5-binding protein 1; OTTHUMP00000236901; OTTHUMP00000236902; glucose-regulated protein, 78kDa; heat shock 70kDa protein 5 (glucose-regulated); Accession Number (s): NP_060340.2; NP_821174.1; Human Gene ID(s): 54972; Non-Human GeneID(s):
Immunogen	TAKLDRFKGSRHH, is from internal region This antibody is expected to recognize both reported isoforms (NP_060340.2; NP_821174.1)
Applications	Pep ELISA Species Tested:
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: Preliminary experiments gave an approx 85kDa band in Human Glial Cancer lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of
IHC	
Reference	Reference(s): Oh-hashi K, Hirata Y, Koga H, Kiuchi K. GRP78-binding protein regulates cAMP-induced glial fibrillary acidic protein expression in rat C6 glioblastoma cells. FEBS Lett. 2006 Jul 10;580(16):3943-7..PMID: 16806201->

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**