

Rabbit anti-Human TEX264 Polyclonal Antibody | anti-TEX264 antibody

Anti-TEX264 Antibody, Rabbit Polyclonal

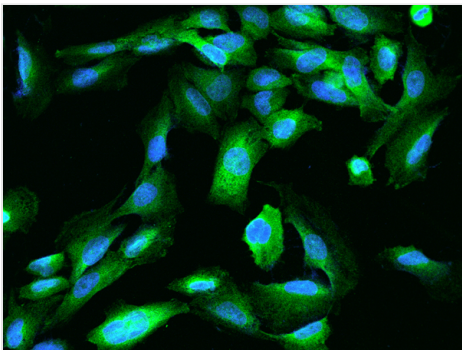
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256814	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

TEX264; Polyclonal Antibody; Anti-TEX264 Antibody; Rabbit Polyclonal; TEX264 Antibody; Rabbit PAb; Antigen Affinity Purified; testis expressed 264; Anti-ZSIG11 Antibody; anti-TEX264 antibody

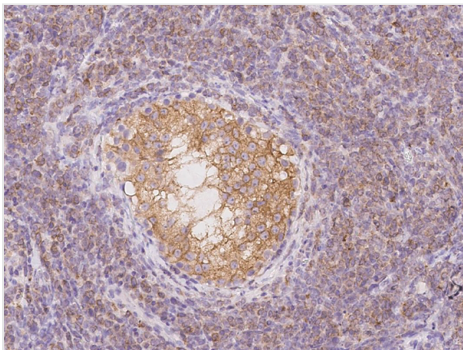
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human TEX264
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-TEX264 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human TEX264 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human TEX264 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.



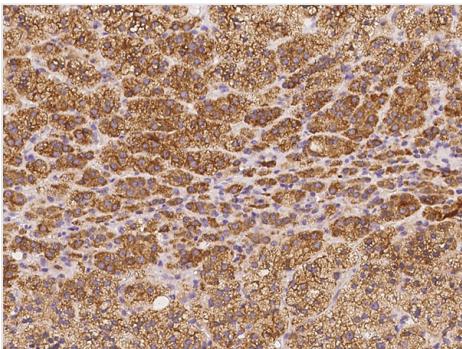
IF (Immunofluorescence)

Immunofluorescence staining of TEX264 in U251MG cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human TEX264 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.



IHC (Immunohistochemistry)

Immunochemical staining of human TEX264 in human testis with rabbit polyclonal antibody at 1:5000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human TEX264 in human adrenal gland with rabbit polyclonal antibody at 1:5000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-TEX264 antibody	TEX264 (Testis Expressed 264, ER-Phagy Receptor) is a Protein Coding gene. The TEX264 gene, located on 3p21.2, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, and frog. TEX264 is an ER protein with a single transmembrane domain and an LIR motif. TEX264 is an unrecognized endoplasmic reticulum (ER)-phagy receptor that acts independently of other candidate ER-phagy receptors to remodel the ER during nutrient stress. TEX264 interacts with LC3 and GABARAP family proteins more efficiently and is expressed more ubiquitously than previously known ER-phagy receptors. TEX264 is widely expressed in the testis, kidney, and other tissues. Diseases associated with TEX264 include Ruijs-Aalfs Syndrome.
References	Wilkinson S (2019) Picky eating at the er-phagy buffet. Trends Biochem Sci 44 (9): 731-733.Chino H, et al. (2019) Intrinsically disordered protein tex264 mediates er-phagy. Mol Cell 74 (5): 909-921.e906.An H, et al. (2019) Tex264 is an endoplasmic reticulum-resident atg8-interacting protein critical for er remodeling during nutrient stress. Mol Cell 74 (5): 891-908.e810.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.