

anti-Human, Mouse TGF beta Receptor II Antibody | anti-TGFR-2 antibody

TGF beta Receptor II (Phospho-Ser225/250) Antibody

CATALOG # AAA110649	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry
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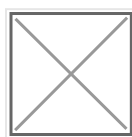
PRODUCT SYNONYMS

TGF beta Receptor II; TGF beta Receptor II (Phospho-Ser225/250) Antibody; EC 2.7.11.30; TGF-beta receptor type II precursor; TGF-beta type II receptor; TGF-betaR2; TGFR2; kinase TGF-beta-R2; anti-TGFR-2 antibody

PRODUCT SPECIFICATIONS

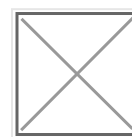
Reactivity	Human, Mouse
Specificity	TGF beta Receptor II (Phospho-Ser225/250) antibody detects endogenous levels of TGF beta Receptor II only when phosphorylated at serine 225/250.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	592
Applicable Applications for anti-TGFR-2 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human TGF beta Receptor II around the phosphorylation site of serine 225/250 (D-R-SP-D-I).
All Sites	Human: Ser225 Mouse: Ser250
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using TGF beta Receptor II (Phospho-Ser225/250) antibody. TGF beta Receptor II (Phospho-Ser225/250) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nM are shown in the ELISA figure.



Application Data

P-peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-TGFR-2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	RC Tripathi, Invest. Ophthalmol. Vis. Sci., Jan 1993; 34: 260. N Chegini, Endocrinology, Jul 1994; 135: 439. GW Mulheron, Endocrinology, Dec 1992; 131: 2609.

NCBI AND UNIPROT INFORMATION

NCBI GI #	67782326
NCBI GeneID	7048
NCBI Accession #	NP_001020018.1
NCBI GenBank Nucleotide #	NM_001024847.2
UniProt Accession #	P37173; Q15580; Q6DKT6; Q99474; B4DTV5
Molecular Weight	67,457 Da
NCBI Official Full Name	TGF-beta receptor type-2 isoform A
NCBI Official Synonym Full Names	transforming growth factor beta receptor 2
NCBI Official Symbol	TGFBR2
NCBI Official Synonym Symbols	AAT3; FAA3; LDS2; MFS2; RIIC; LDS1B; LDS2B; TAAD2; TBR1I; TBR-ii; TGFR-2; TGFbeta-RII
NCBI Protein Information	TGF-beta receptor type-2
UniProt Protein Name	TGF-beta receptor type-2
UniProt Gene Name	TGFBR2
UniProt Synonym Gene Names	TGFR-2; TGF-beta receptor type II; TbetaR-II

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tgfr-2-human-mouse-antibody/tgf-beta-receptor-ii/110649>